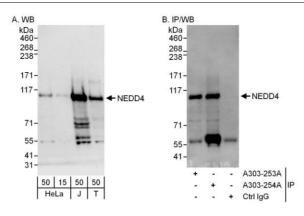
## NEDD4 Antibody

Antigen Affinity Purified       Protein ID       AAl36606.1         Catalog No.       A303-254A       GeneID       4734         Lot No.       A303-254A-1       GeneID       4734         APPLICATIONS       WB, IP       Second Secon	Rabbit Polyclo	onal				Contraction of the second seco	
Lot No.       A303-254A-1         APPLICATIONS       WB, IP         SPECIES REACTIVITY       Human         AMOUNT       100 µl         CONCENTRATION       1000 µg/ml         STORAGE/SHELF LIFE       2 - 8° C / 1 year from date of receipt         PHYSICAL STATE       Liquid         BUFFER       Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide         ISOTYPE       IgG         ORIGIN       USA         PRODUCTION PROCEDURES       Antibody was affinity purified using an epitope specific to NEDD4 immobilized on solid support.         The epitope recognized by A303-254A maps to a region between residue 825 and 875 of human Neural Precursor Cell Expressed, Developmentally Down-regulated 4 using the numbering given in entry AAl36606.1 (GeneID 4734).         Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.         APPLICATIONS       Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.         Western Blot       1:2,000 - 1:10,000         Immunoprecipitation       2 - 10 µg/mg lysate         APPLICATION NOTES       Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Coat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section	Antigen Affinity Purified			Protein ID	AAI36606.1		
APPLICATIONS       WB, IP         SPECIES REACTIVITY       Human         AMOUNT       100 µl         CONCENTRATION       1000 µg/ml         STORAGE/SHELF LIFE       2 - 8° C / 1 year from date of receipt         PHYSICAL STATE       Liquid         BUFFER       Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide         ISOTYPE       IgG         ORIGIN       USA         PRODUCTION PROCEDURES       Antibody was affinity purified using an epitope specific to NEDD4 immobilized on solid support. The epitope recognized by A303–254A maps to a region between residue 825 and 875 of human Neural Precursor Cell Expressed, Developmentally Down-regulated 4 using the numbering given in entry AAJ36606.1 (GeneID 4734).         Artibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.         APPLICATIONS       Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution should be determined experimentally by the investigator. Prepare working dilution should be determined experimentally by the investigator. Prepare working dilution should be determined experimentally by the investigator. Prepare working dilution should be determined experimentally by the investigator. Prepare working dilution should be determined experimentally by the investigator. Prepare working dilution should be determined experimentally by the investigator. Prepare working dilution should be determined experimentally by the investing stondar western blot reagents and 4-8% SDS-PAGE (li	Catalog No. A303-254A		254A	GenelD	4734		
SPECIES REACTIVITY       Human         AMOUNT       100 µl         CONCENTRATION       1000 µg/ml         STORAGE/SHELF LIFE       2 - 8° C / 1 year from date of receipt         PHYSICAL STATE       Liquid         BUFFER       Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide         ISOTYPE       IgG         ORIGIN       USA         PRODUCTION PROCEDURES       Antibody was affinity purified using an epitope specific to NEDD4 immobilized on solid support.         The epitope recognized by A303-254A maps to a region between residue 825 and 875 of human Neural Precursor Cell Expressed, Developmentally Down-regulated 4 using the numbering given in entry AAI36606.1 (GeneID 4734).         APPLICATIONS       Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.         Western Blot       1:2,000 - 1:10,000         Immunoprecipitation       2 - 10 µg/mg lysate         APPLICATION NOTES       Western blot of lysates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE. (link to IP-western blot protocol in Additional Info section below).         Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. (link to IP-western blot protocol in Additional Info section below).	Lot No.	A303-2	254A-1			LABORATORIES, INC	
AMOUNT       100 μ]         CONCENTRATION       1000 μg/ml         STORAGE/SHELF LIFE       2 - 8° C / 1 year from date of receipt         PHYSICAL STATE       Liquid         BUFFER       Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide         ISOTYPE       IgG         ORIGIN       USA         PROCEDURES       Antibody was affinity purified using an epitope specific to NEDD4 immobilized on solid support.         Neural Precursor Cell Expressed Developmentally Down-regulated 4 using the numbering given in entry AAI36606.1 (GeneID 4734).         Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.         APPLICATIONS       Centrifuge tube to remover product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.         Vestern Blot       1:2,000 - 1:10,000         Immunoprecipitation       2 - 10 µg/mg lysate         APPLICATION NOTES       Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Coat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-1139) and 4-8% SDS-PAGE.         ADDITIONAL INFO       https://www.bethyl.com/product/A33-254A	APPLICATIONS		WB, IP				
CONCENTRATION1000 µg/mlSTORAGE/SHELF LIFE2 - 8° C / 1 year from date of receiptPHYSICAL STATELiquidBUFFERTris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium AzideISOTYPEIgGORICINUSAPRODUCTION PROCEDURESAntibody was affinity purified using an epitope specific to NEDD4 immobilized on solid support. The epitope recognized by A303-254A maps to a region between residue 825 and 875 of human Neural Precursor Cell Expressed, Developmentally Down-regulated 4 using the numbering given in entry AAI36606.1 (GeneID 4734).APPLICATIONSCentifuge tube to remove product from lid. Optimal working dilutions should be determined expreimentally by the investigator. Prepare working dilution immediately before use.APPLICATION NOTESWestern Blot Li 2,000 - 1:10,000 Immunoprecipitation 2 - 10 µg/mg lysateAPPLICATION NOTESWestern blot of immunoprecipitates performed using standard western blot reagents and 4-8% SDS-PAGE (link to IP-western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.ADDITIONAL INFOhttps://www.bethyl.com/product/A303-254A Use the link above to view SDS, a current list of citations, and other product specific information.	SPECIES REACTIVITY		Human				
STORAGE/SHELF LIFE       2 - 8° C / 1 year from date of receipt         PHYSICAL STATE       Liquid         BUFFER       Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide         ISOTYPE       IgG         ORIGIN       USA         PRODUCTION PROCEDURES       Antibody was affinity purified using an epitope specific to NEDD4 immobilized on solid support.         The epitope recognized by A303-254A maps to a region between residue 825 and 875 of human Neural Precursor Cell Expressed, Developmentally Down-regulated 4 using the numbering given in entry AAI36606.1 (GeneID 4734).         Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.         APPLICATIONS       Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.         Western Blot       1:2,000 - 1:10,000         Immunoprecipitation       2 - 10 µg/mg lysate         APPLICATION NOTES       Western Blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit flught Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE. (link to IP-western blot protocol in Additional Info section below).         Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.         ADDITIONAL INFO       https://www.bethyl.com/product/A303-254A Use the link above to view SDS, a current list of citations, and other product specific information.	AMOUNT		100 µl				
PHYSICAL STATE       Liquid         BUFFER       Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide         ISOTYPE       IgG         ORIGIN       USA         PRODUCTION PROCEDURES       Antibody was affinity purified using an epitope specific to NEDD4 immobilized on solid support. The epitope recognized by A303-254A maps to a region between residue 825 and 875 of human Neural Precursor Cell Expressed, Developmentally Down-regulated 4 using the numbering given in entry AAl36606.1 (GeneID 4734).         AppLICATIONS       Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.         Western Blot       1:2,000 - 1:10,000         Immunoprecipitation       2 - 10 µg/mg lysate         APPLICATION NOTES       Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Coat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).         ADDITIONAL INFO       Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. https://www.bethyl.com/product/A303-254A Use the link above to view SDS, a current list of citations, and other product specific information.	CONCENTRATION		1000 μg/ml				
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PROCEDURES       The epitope recognized by A303-254A maps to a region between residue 825 and 875 of human Neural Precursor Cell Expressed, Developmentally Down-regulated 4 using the numbering given in entry AAI36606.1 (GeneID 4734).         Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.         APPLICATIONS       Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.         Western Blot       1:2,000 – 1:10,000         Immunoprecipitation       2 – 10 µg/mg lysate         APPLICATION NOTES       Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).         ADDITIONAL INFO       https://www.bethyl.com/product/A303–254A Use the link above to view SDS, a current list of citations, and other product specific information.	ORIGIN		USA				
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Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.ADDITIONAL INFOhttps://www.bethyl.com/product/A303-254A Use the link above to view SDS, a current list of citations, and other product specific information.			Immunoprecipit	ation 2 -	10 µg/mg lysate		
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Use the link above to view SDS, a current list of citations, and other product specific information.			Western blot of l	lysates perfor	med using standard western blot rea	gents and 4-8% SDS-PAGE.	
	ADDITIONAL INFO		https://www.bethyl.com/product/A303–254A				

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human NEDD4 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), Jurkat (J; 50 µg) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-NEDD4 antibody A303-254A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. NEDD4 was also immunoprecipitated by rabbit anti-NEDD4 antibody A303-253A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A and B).

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