## **Gemin4 Antibody**

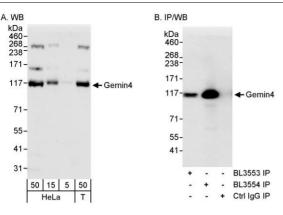
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Rabbit Polyclor Antigen Affinit Catalog No. Lot No.		367A	Protein ID GeneID	NP_056536.1 50628	BETHYL LABORATORIES, IN	C	
APPLICATIONS		WB, IP, IHC					
SPECIES REACTIVITY		Human					
AMOUNT		100 µl					
CONCENTRATION		200 µg/ml					
STORAGE/SHELF LIFE		2 – 8° C / 1 year from date of receipt					
PHYSICAL STATE		Liquid					
BUFFER		Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide					
ISOTYPE		IgG					
ORIGIN		USA					
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to Gemin4 immobilized on solid support.					
		The epitope recognized by A300-867A maps to a region between residue 1010 and the C- terminus (residue 1058) fo human Gem (nuclear organelle) Associated Protein 4 using the numbering given in entry NP_056536.1 (GeneID 50628).					
		Immunoglobulin 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			
		Immunoprecipi	itation 2 -	5 µg/mg lysate			
		Immunohistoch	,	00 – 1:500. Epitope ret ommended for FFPE tiss	rieval with Tris-EDTA pH 9.0 is sue sections.		
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).					
IHC HUMAN COI	NTROLS			ysates performed using standard western blot reagents and 4-8% SDS-PAGE. a, Colon Carcinoma, Prostate Carcinoma			
ADDITIONAL INFO		https://www.bethyl.com/product/A300-867A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB					

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

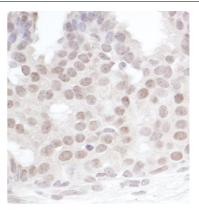
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## **Gemin4 Antibody**



Detection of human Gemin4 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. Antibodies: Affinity purified rabbit anti-Gemin4 antibody BL3554 (Cat. No. A300-867A) used for WB at 0.04  $\mu$ g/ml (A) and 1  $\mu$ g/ml (B) and used for IP at 3  $\mu$ g/mg lysate (B). Gemin4 was also immunoprecipitated by rabbit anti-Gemin4 antibody BL3553, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A and B).



Detection of human Gemin4 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-Gemin4 (Cat. No. A300-867A Lot1) used at a dilution of 1:200 (1µg/ml). Detection: DAB

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