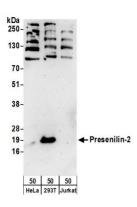
Presenilin-2 Antibody

Rabbit Polyclo		, Ad	Protein ID	NP_000438.2		
Antigen Affinity Purified Catalog No. A304–342A			GenelD	5664		0 500
Catalog No. Lot No.	A304-		Geneid	5004		BETHYL
	A304	0+2A-1				LABORATORIES, INC
APPLICATIONS		WB, IP, IHC				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Bovine, Pig and Orangutan 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		lgG				
ORIGIN		USA				
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to Presenilin-2 immobilized on solid support.				
		The epitope recognized by A304-342A maps to a region between residue 275 to 325 of human Presenilin 2 using the numbering given in entry NP_000438.2 (GeneID 5664).				
		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	1:1	,000 - 1:5,000		
		Immunoprecip	itation 2 -	10 µg/mg lysate		
		Immunohistocl		00 – 1:2,000. Epitope ret ommended for FFPE tissu		ouffer pH 6.0 is
APPLICATION N	IOTES	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 4–20% 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 4–20% SDS-PAGE. https://www.bethyl.com/product/A304–342A 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				

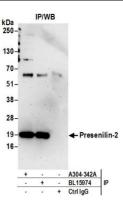
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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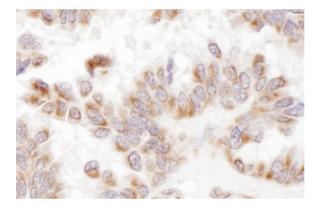
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Detection of human Presenilin-2 by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-Presenilin-2 antibody A304-342A (lot A304-342A-1) used for WB at 0.4 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human Presenilin-2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells. *Antibodies:* Affinity purified rabbit anti-Presenilin-2 antibody A304-342A (lot A304-342A-1) used for IP at 6 µg per reaction. Presenilin-2 was also immunoprecipitated by rabbit anti-Presenilin-2 antibody BL15974. For blotting immunoprecipitated Presenilin-2, A304-342A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human Presenilin-2 by immunohistochemistry. *Sample:* FFPE section of human lung cancer. *Antibody:* Affinity purified rabbit anti-Presenilin-2 (Cat. No. A304-342A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB

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