

# Produktinformation



Forschungsprodukte & Biochemikalien
Zellkultur & Verbrauchsmaterial
Diagnostik & molekulare Diagnostik
Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



Lieferung & Zahlungsart siehe unsere Liefer- und Versandbedingungen

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

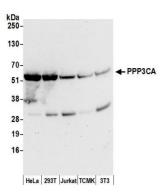
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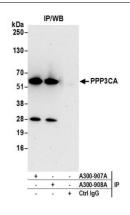
## **PPP3CA Antibody**

Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	NP_000935.1	∫ -5 <b>√</b> ▲
Catalog No.			GenelD	5530	RETHVI
Lot No.	A300-9	908A-3			
APPLICATIONS		WB, IP, IHC			
SPECIES REACTIVITY		Human, Mouse			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat and Bovine			
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 PPP3CA immobilized on solid support.			
FROCEDURES		The epitope recognized by A300–908A maps to a region between residue 470 and the C- terminus (residue 521) of human Protein Phosphatase 3, Catalytic Subunit, Alpha isoform using the numbering given in entry NP_000935.1 (GeneID 5530).			
		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	
		Immunoprecipita	tion 2 –	10 µg/mg lysate	
		Immunohistoche	,	,000 – 1:5,000. Epitope retrie ommended for FFPE tissue se	•
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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).			
IHC HUMAN CONTROLS		Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE. Breast Carcinoma, Prostate Carcinoma			
IHC MOUSE CONTROLS		Colon Carcinoma CT26			
ADDITIONAL INFO		https://www.bethyl.com/product/A300-908A 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

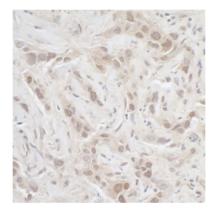


**Detection of human and mouse PPP3CA by western blot.** *Samples:* Whole cell lysate (50  $\mu$ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-PPP3CA antibody A300-908A (lot A300-908A-3) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



#### Detection of human PPP3CA by western blot of

**immunoprecipitates.** Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PPP3CA antibody A300-908A (lot A300-908A-3) used for IP at 3  $\mu$ g per reaction. PPP3CA was also immunoprecipitated by rabbit anti-PPP3CA antibody A300-907A. For blotting immunoprecipitated PPP3CA, A300-908A was used at 1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



**Detection of human PPP3CA by immunohistochemistry.** *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti- PPP3CA (Cat. No. A300-908A Lot3) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB

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