

PP2A alpha/beta Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Pig, Rat
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (EPHVTRRTPDYFL) corresponding to the C-terminus amino acids of PPP2CA / PPP2CB
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10986614

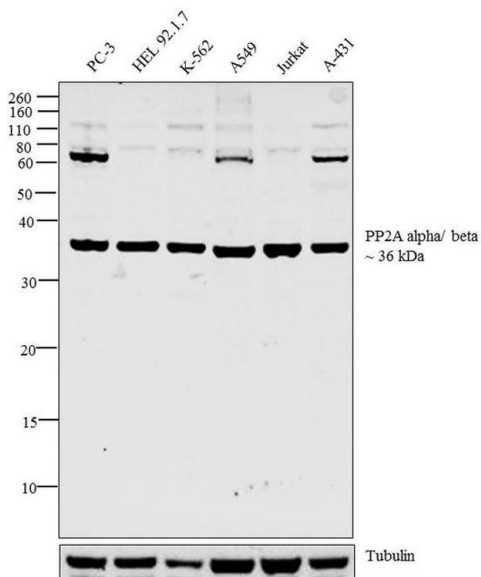
Applications	Tested Dilution	Publications
Western Blot (WB)	1-3 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	10 µg/mL	-

Product Specific Information

This antibody is predicted to react with bovine, canine, mouse, porcine, rabbit and rat based on sequence homology.

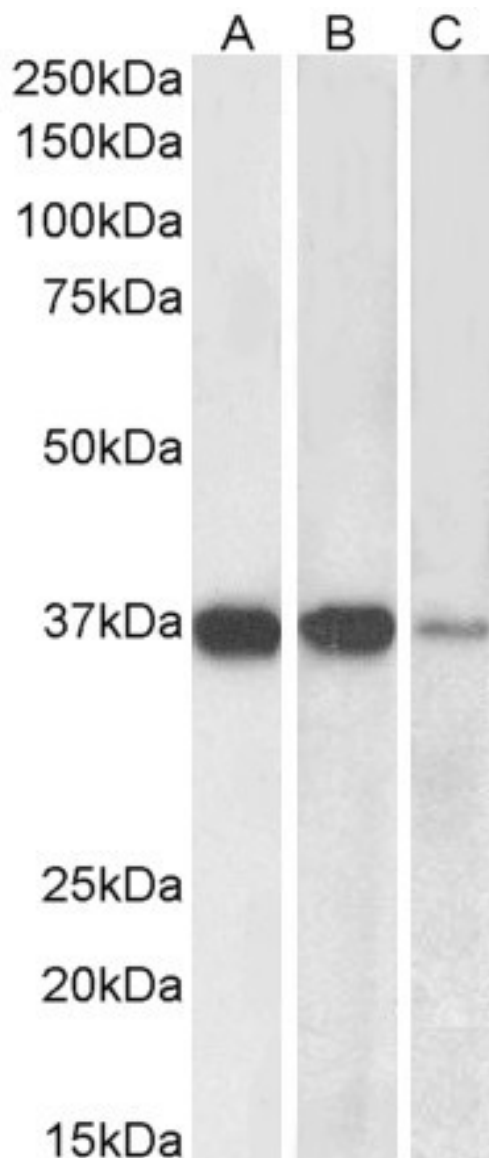
This antibody is tested in Peptide ELISA: antibody detection limit dilution 128,000.

Product Images For PP2A alpha/beta Polyclonal Antibody



PP2A alpha/beta Antibody (PA5-17980) in WB

Western blot analysis was performed on whole cell extracts of PC-3 (Lane 1), HEL 92.1.7 (Lane 2), K-562 (Lane 3), A549 (Lane 4), Jurkat (Lane 5) and A-431 (Lane 6). The blot was probed with Anti-PP2A alpha/beta Polyclonal Antibody (Product # PA5-17980, 2 µg/mL) and detected by chemiluminescence using Rabbit anti-Goat IgG Heavy Chain Superclonal™ Secondary Antibody, HRP conjugate (Product # A27014, 0.25 µg/mL, 1:4,000 dilution). A 36 kDa band corresponding to PP2A alpha/beta was observed across the cell lines tested. A regulatory subunit band around 65 kDa was observed across the cell lines tested.

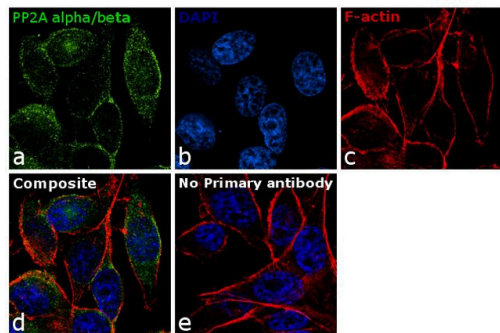


PP2A alpha/beta Antibody (PA5-17980) in WB

Western blot analysis of PP2A alpha/beta using PP2A alpha/beta Polyclonal Antibody (Product # PA5-17980) (0.03 µg/mL) in staining of Mouse (A), Rat (B) and Pig (C) Brain lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.

PP2A alpha/beta Antibody (PA5-17980) in ICC/IF

Immunofluorescence analysis of PP2A alpha/beta was performed using 70% confluent log phase PC-3 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with PP2A alpha/beta Polyclonal Antibody (Product # PA5-17980) at 5 µg/mL in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Rabbit-anti-Goat IgG (H+L) Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A-11078) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



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