

Rabbit PPP3CB Polyclonal Antibody | anti-PPP3CB antibody

PPP3CB Antibody (N-term)

CATALOG # AAA286735	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

PPP3CB; Polyclonal Antibody; PPP3CB Antibody (N-term); Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform; CAM-PRP catalytic subunit; Calmodulin-dependent calcineurin A subunit beta isoform; CALNA2; CALNB; CNA2; anti-PPP3CB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPP3CB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PPP3CB.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	525
Applicable Applications for anti-PPP3CB antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

Western blot analysis of anti-PPP3CB Antibody (N-term) in Jurkat cell line lysates (35ug/lane). PPP3CB(arrow) was detected using the purified Pab.



WB (Western Blot)

Western blot analysis of anti-PPP3CB Pab in mouse kidney tissue lysate. PPP3CB(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP3CB antibody	PPP3CB is a calcium-dependent, calmodulin-stimulated protein phosphatase. This subunit may have a role in the calmodulin activation of calcineurin.
Product Categories/Family for anti-PPP3CB antibody	Signal Transduction ; Amyotrophic Lateral Sclerosis (ALS)
References	Katanosaka, Y., et al., J. Biol. Chem. 280(7):5764-5772 (2005). Bell, O., et al., Mol. Endocrinol. 19(2):516-526 (2005). Bennasser, Y., et al., Virology 303(1):174-180 (2002). Kissinger, C.R., et al., Nature 378(6557):641-644 (1995). Muramatsu, T., et al., Biochim. Biophys. Acta 1178(1):117-120 (1993).

NCBI AND UNIPROT INFORMATION

NCBI GI #	215272352
NCBI GeneID	5532
NCBI Accession #	NP_001135825.1 ; NP_001135826.1 ; NP_066955.1
NCBI GenBank Nucleotide #	NM_001142353.2
UniProt Accession #	P16298 ; P16299 ; Q5F2F9 ; Q8N1F0 ; Q8N3W4
Molecular Weight	59024
NCBI Official Full Name	serine/threonine-protein phosphatase 2B catalytic subunit beta isoform isoform a
NCBI Official Synonym Full Names	protein phosphatase 3, catalytic subunit, beta isozyme
NCBI Official Symbol	PPP3CB
NCBI Official Synonym Symbols	CNA2; CALNB; CALNA2; PP2Bbeta
NCBI Protein Information	serine/threonine-protein phosphatase 2B catalytic subunit beta isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform
UniProt Gene Name	PPP3CB
UniProt Synonym Gene Names	CALNA2; CALNB; CNA2
UniProt Entry Name	PP2BB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppp3cb-antibody-immunohistochemistry-western-blot-elisa/286735>