

Rabbit PPP3R1 Polyclonal Antibody | anti-PPP3R1 antibody

PPP3R1 Polyclonal Antibody

CATALOG # AAA36777	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunoprecipitation, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PPP3R1; Polyclonal Antibody; PPP3R1 Polyclonal Antibody; ALNB1; CNB; CNB1; anti-PPP3R1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	170
Applicable Applications for anti-PPP3R1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PPP3R1
Calculated Molecular Weight	19kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using PPP3R1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PPP3R1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP3R1 antibody

Protein phosphatase 3 (PPP3, formerly PP2B, Calcineurin), a serine/ threonine protein phosphatase, is a heterodimer composed of one catalytic subunit (PPP3C, Calcineurin A) and one regulatory subunit (PPP3R, Calcineurin B). PPP3R has two isoforms, PPP3R1 and PPP3R2. PPP3R1 is ubiquitously expressed in different tissues and is coded by the PPP3R1 gene which was mapped recently to human chromosome 2. PPP3R1 has four functional calcium-binding sites.

Product Categories/Family for anti-PPP3R1 antibody	Polyclonal
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52000904
NCBI GeneID	5534
UniProt Accession #	P63098; P06705; P15117; Q08044; Q53SL0; B2RC10; B5MDU4
Molecular Weight	170
NCBI Official Full Name	Calcineurin subunit B type 1
NCBI Official Synonym Full Names	protein phosphatase 3, regulatory subunit B, alpha
NCBI Official Symbol	PPP3R1
NCBI Official Synonym Symbols	CNB; CNB1; CALNB1
NCBI Protein Information	calcineurin subunit B type 1; calcineurin B, type I (19kDa); protein phosphatase 2B regulatory subunit 1; protein phosphatase 2B regulatory subunit B alpha; protein phosphatase 3 (formerly 2B), regulatory subunit B, alpha isoform; protein phosphatase 3 (formerly 2B), regulatory subunit B (19kD), alpha isoform (calcineurin B, type I); protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)
UniProt Protein Name	Calcineurin subunit B type 1
UniProt Gene Name	PPP3R1
UniProt Synonym Gene Names	CNA2; CNB
UniProt Entry Name	CANB1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppp3r1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/36777>