

Rabbit anti-Human, mouse PPP3R2 Polyclonal Antibody | anti-PPP3R2 antibody

PPP3R2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287264	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PPP3R2; Polyclonal Antibody; PPP3R2 Antibody (N-term); Calcineurin subunit B type 2; Calcineurin B-like protein; CBLP; Calcineurin BII; CNBII; PPP3R1-like; Protein phosphatase 2B regulatory subunit 2; Protein phosphatase 3 regulatory subunit B beta isoform; PPP3RL; anti-PPP3R2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPP3R2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 3-29 amino acids from the N-terminal region of human PPP3R2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	3-29
Sequence Length	170
Applicable Applications for anti-PPP3R2 antibody	FCM/FACS (Flow Cytometry), 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



FCM/FACS (Flow Cytometry)

PPP3R2 Antibody (N-term) flow cytometric analysis of 293 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human testis tissue reacted with PPP3R2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of PPP3R2 Antibody (N-term) in mouse brain tissue lysates (35ug/lane).
PPP3R2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP3R2 antibody	PPP3R2 is regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. This protein confers calcium sensitivity (By similarity).
Product Categories/Family for anti-PPP3R2 antibody	Signal Transduction ; Amyotrophic Lateral Sclerosis (ALS)
References	He, Z.H., et al. Eur. J. Appl. Physiol. (2010) In press : Need, A.C., et al. Eur. J. Hum. Genet. 17(7):946-957(2009) Chow, R., et al. Biochem. Biophys. Res. Commun. 363(3):506-512(2007) Saeki, M., et al. J. Biol. Chem. 282(16):11786-11794(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	22212896
NCBI GeneID	5535
NCBI Accession #	NP_671709.1
NCBI GenBank Nucleotide #	NM_147180.3
UniProt Accession #	Q96LZ3 ; Q5VTR4 ; Q7Z4V8 ; Q8WYJ4
Molecular Weight	19533
NCBI Official Full Name	calcineurin subunit B type 2
NCBI Official Synonym Full Names	protein phosphatase 3, regulatory subunit B, beta
NCBI Official Symbol	PPP3R2
NCBI Official Synonym Symbols	PPP3RL
NCBI Protein Information	calcineurin subunit B type 2
UniProt Protein Name	Calcineurin subunit B type 2
UniProt Gene Name	PPP3R2
UniProt Synonym Gene Names	CBLP; PPP3RL; CBLP; CNBII
UniProt Entry Name	CANB2_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/ppp3r2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287264>