

Rabbit PPP2R2B Polyclonal Antibody | anti-PPP2R2B antibody

PPP2R2B Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289704	Rabbit	Human (Predicted Reactivity: Bovine, Monkey, Mouse, Pig, Rabbit, Rat, Xenopus)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PPP2R2B; Polyclonal Antibody; PPP2R2B Antibody (Center); Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform; PP2A subunit B isoform B55-beta; PP2A subunit B isoform PR55-beta; PP2A subunit B isoform R2-beta; PP2A subunit B isoform beta; anti-PPP2R2B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Monkey, Mouse, Pig, Rabbit, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPP2R2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-130 amino acids from the Central region of human PPP2R2B.
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	104-130
Sequence Length	549
Applicable Applications for anti-PPP2R2B 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)

Flow cytometric analysis of hela cells using PPP2R2B Antibody (Center)(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 brain tissue with PPP2R2B Antibody (Center), 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 PPP2R2B Antibody (Center) in HeLa cell line lysates (35ug/lane).
PPP2R2B (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2R2B antibody	PPP2R2B belongs to the phosphatase 2 regulatory subunit B family. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This protein is a beta isoform of the regulatory subunit B55 subfamily.
Product Categories/Family for anti-PPP2R2B antibody	Neuroscience; Signal Transduction
References	Rajkiewicz,M., et.al., Neurol. Neurochir. Pol. 42 (6), 497-504 (2008) Ben-Israel,H., et.al., J. Virol. 82 (19), 9381-9388 (2008) Strack,S., et.al., J. Comp. Neurol. 392 (4), 515-527 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	430727960
NCBI GeneID	5521
NCBI Accession #	NP_001258828.1; NP_001258829.1; NP_001258877.1; NP_858060.2; NP_858061.2; NP_858062.1; NP_858063.1; NP_858064.1
NCBI GenBank Nucleotide #	NM_001271899.1
UniProt Accession #	Q00005; A6NEJ2; A8K102; B3KPD0; B7Z2F2; B7Z304; D3DQF7; D3DQF8; G3V149
Molecular Weight	51710
NCBI Official Full Name	serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform isoform g
NCBI Official Synonym Full Names	protein phosphatase 2, regulatory subunit B, beta
NCBI Official Symbol	PPP2R2B
NCBI Official Synonym Symbols	PR52B; SCA12; B55BETA; PR55BETA; PP2ABBETA; PP2APR55B; PR2ABBETA; PR55-BETA; PP2AB55BETA; PR2AB55BETA; PP2APR55BETA; PR2APR55BETA
NCBI Protein Information	serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform
UniProt Gene Name	PPP2R2B
UniProt Entry Name	2ABB_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/ppp2r2b-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289704>