

Rabbit anti-Human PPP2R5B Polyclonal Antibody | anti-PPP2R5B antibody

PPP2R5B Antibody (C-term)

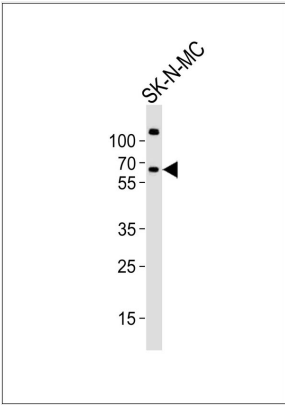
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287758	Rabbit	Human	Western Blot, ELISA, Immunofluorescence

PRODUCT SYNONYMS

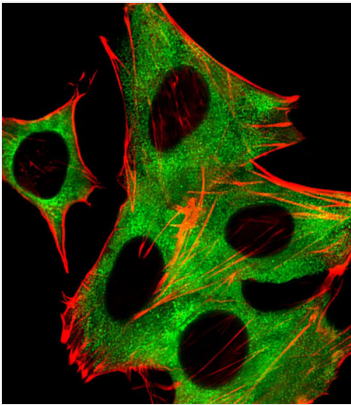
PPP2R5B; Polyclonal Antibody; PPP2R5B Antibody (C-term); Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit beta isoform; PP2A B subunit isoform B'-beta; PP2A B subunit isoform B56-beta; PP2A B subunit isoform PR61-beta; PP2A B subunit isoform R5-beta; anti-PPP2R5B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPP2R5B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 466-500 amino acids from the C-terminal region of human PPP2R5B.
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 purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	494
Applicable Applications for anti-PPP2R5B antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Crown Antibody	Yes
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.



WB (Western Blot)
Western blot analysis of lysate from SK-N-MC cell line, using PPP2R5B Antibody (C-term). AAA287758 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.



IF (Immunofluorescence)
Fluorescent image of SH-SY5Y cells stained with PPP2R5B Antibody (C-term). AAA287758 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2R5B antibody	The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. The phosphorylated form mediates the interaction between AKT1 and PP2A phosphatase leading to dephosphorylation of AKT1 on the 'Thr-308' and 'Ser-373' residues.
Product Categories/Family for anti-PPP2R5B antibody	Crown Antibodies; Neuroscience; Signal Transduction
References	McCright B.,et al.J. Biol. Chem. 270:26123-26128(1995). Zolnierowicz S.,et al.Biochem. J. 317:187-194(1996). McCright B.,et al.J. Biol. Chem. 271:22081-22089(1996). Kitajima T.S.,et al.Nature 441:46-52(2006). Rodgers J.T.,et al.Mol. Cell 41:471-479(2011).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453952
NCBI GeneID	5526
NCBI Accession #	NP_006235.1
NCBI GenBank Nucleotide #	NM_006244.3
UniProt Accession #	Q15173; Q13853
Molecular Weight	57393
NCBI Official Full Name	serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit beta isoform
NCBI Official Synonym Full Names	protein phosphatase 2, regulatory subunit B', beta
NCBI Official Symbol	PPP2R5B
NCBI Official Synonym Symbols	B56B; PR61B
NCBI Protein Information	serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit beta isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit beta isoform
UniProt Gene Name	PPP2R5B

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://www.aaabiotech.com/polyclonal/ppp2r5b-antibody-western-blot-immunofluorescence-elisa/287758>