

Rabbit PPP2R2A Polyclonal Antibody | anti-PPP2R2A antibody

PPP2R2A Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290202	Rabbit	Human (Predicted Reactivity: Monkey, Mouse, Pig, Rabbit, Rat)	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

PPP2R2A; Polyclonal Antibody; PPP2R2A Antibody (N-term); Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform; PP2A subunit B isoform B55-alpha; PP2A subunit B isoform PR55-alpha; PP2A subunit B isoform R2-alpha; PP2A subunit B isoform alpha; anti-PPP2R2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey, Mouse, Pig, Rabbit, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPP2R2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 43-71 amino acids from the N-terminal region of human PPP2R2A.
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	43-71
Sequence Length	457
Applicable Applications for anti-PPP2R2A antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
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.

IMAGES



WB (Western Blot)

PPP2R2A Antibody (N-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the PPP2R2A antibody detected the PPP2R2A protein (arrow).



IF (Immunofluorescence)

Fluorescent image of HeLa cells stained with PPP2R2A Antibody (N-term). AAA290202 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).

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded H. kidney section using PPP2R2A Antibody (N-term). AAA290202 was diluted at 1:25 dilution. A undiluted biotinylated goat polyclonal antibody was used as the secondary, followed by DAB staining.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded H. liver section using PPP2R2A Antibody (N-term). AAA290202 was diluted at 1:25 dilution. A undiluted biotinylated goat polyclonal antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2R2A 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.
Product Categories/Family for anti-PPP2R2A antibody	Crown Antibodies ; Neuroscience ; Signal Transduction
References	Mayer R.E., et al. Biochemistry 30:3589-3597(1991). Ota T., et al. Nat. Genet. 36:40-45(2004). Nusbaum C., et al. Nature 439:331-335(2006). Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Li H.H., et al. EMBO J. 26:402-411(2007).

NCBI AND UNIPROT INFORMATION

NCBI GI #	294832006
NCBI GeneID	5520
NCBI Accession #	NP_001171062.1 ; NP_002708.1
NCBI GenBank Nucleotide #	NM_001177591.1
UniProt Accession #	P63151 ; P50409 ; Q00007 ; B2RBU8 ; B4E1T7
Molecular Weight	51692
NCBI Official Full Name	serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform isoform 2
NCBI Official Synonym Full Names	protein phosphatase 2, regulatory subunit B, alpha
NCBI Official Symbol	PPP2R2A
NCBI Official Synonym Symbols	B55A; PR52A; PR55A; B55ALPHA
NCBI Protein Information	serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform
UniProt Gene Name	PPP2R2A
UniProt Entry Name	2ABA_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/ppp2r2a-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/290202>