

Rabbit anti-Human, Mouse PPP2R2A Polyclonal Antibody | anti-PPP2R2A antibody

PPP2R2A Polyclonal Antibody

CATALOG # AAA281091	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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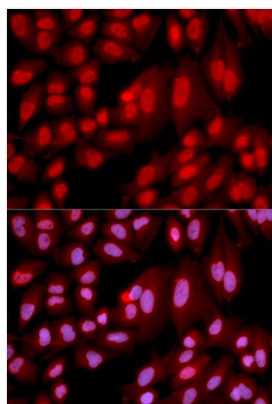
PRODUCT SYNONYMS

PPP2R2A; Polyclonal Antibody; PPP2R2A Polyclonal Antibody; B55A; B55ALPHA; PR52A; PR55A; PR55alpha; anti-PPP2R2A antibody

PRODUCT SPECIFICATIONS

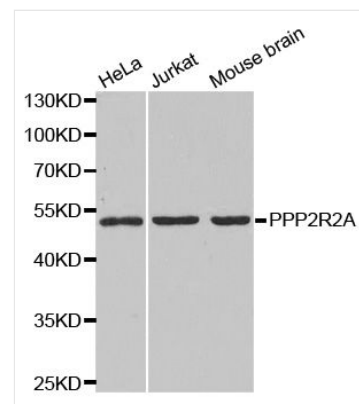
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MAGAGGGNDI QWCFSQVKGA VDDDVAEADI ISTVEFNHSG ELLATGDKGG RVVIFQQEQE NKIQSHSRGE YNYVSTFQSH EPEFDYKSL EIEEKINKIR WLPQKNAAQF LLSTNDKTIK LWKISERDKR PEGYNLKEED GRYRDPPTVT TLRVPVFRPM DLMVEASPRR IFANAHTYHI NSISINS DYE TYLSADDLRI NLWHLEITDR SFNIVDIKPA NMEELTEVIT AAEFHPNSCN TFVYSSSKGT IRLCD
Sequence Length	457
Applicable Applications for anti-PPP2R2A antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human PPP2R2A
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PPP2R2A antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PPP2R2A 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.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2R2A antibody	The product of this gene 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 gene encodes an alpha isoform of the regulatory subunit B55 subfamily. Alternatively spliced transcript variants have been described.
Product Categories/Family for anti-PPP2R2A antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	294832006
NCBI GeneID	5520
NCBI Accession #	NP_001171062.1
NCBI GenBank Nucleotide #	NM_001177591.1
UniProt Accession #	P63151 ; P50409 ; Q00007 ; B2RBU8 ; B4E1T7
Molecular Weight	Calculated: 51kDa; 53kDa Observed: 52kDa
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 Balpha
NCBI Official Symbol	PPP2R2A
NCBI Official Synonym Symbols	B55A; PR52A; PR55A; B55ALPHA; PR55alpha
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

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.