

Rabbit PPP1CA/PP1-Alpha Polyclonal Antibody | anti-PPP1CA antibody

Anti-PPP1CA/PP1-Alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21283	Rabbit	Human Predicted: Mouse	Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PPP1CA/PP1-Alpha; Polyclonal Antibody; Anti-PPP1CA/PP1-Alpha Antibody; Sheep Polyclonal; PPP1CA; PP-1A; pp1C alpha; PP1 alpha; PP1-Alpha; PP1alpha; PPP1A; Protein phosphatase 1 alpha; anti-PPP1CA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Human PPP1CA/PP1-Alpha
Purity/Purification	Affinity Purified
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Sequence Length	330
Applicable Applications for anti-PPP1CA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 1:50-1:200 IHC: 1:50-1:200 IHC-P: 1:100 WB: 1:500-1:2000
Immunogen	Recombinant protein of human PPP1CA
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PPP1CA antibody.

**IF (Immunofluorescence)**

Immunofluorescence analysis of U2OS cell using PPP1CA antibody. Blue: DAPI for nuclear staining.

**IF (Immunofluorescence)**

Immunofluorescence analysis of U2OS cells.

**IHC (Immunohistochemistry)**

Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

**IHC (Immunohistochemistry)**

Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1CA antibody	Protein phosphatase that associates with over 200 regulatory protein sto form highly specific holoenzymes which dephosphorylate hundreds of biological targets. protein phosphatase 1 (PP1) is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. Involved in regulation of ionic conductances and long-term synaptic plasticity.
Product Categories/Family for anti-PPP1CA antibody	Protein Phosphatase ; PP1

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506003
NCBI GeneID	5499
NCBI Accession #	NP_002699.1
NCBI GenBank Nucleotide #	NM_002708.3
UniProt Accession #	P62136 ; P08129 ; P20653 ; P22802 ; Q07161 ; A6NNR3 ; B2R908
Molecular Weight	32,595 Da
NCBI Official Full Name	serine/threonine-protein phosphatase PP1-alpha catalytic subunit isoform 1
NCBI Official Synonym Full Names	protein phosphatase 1 catalytic subunit alpha
NCBI Official Symbol	PPP1CA
NCBI Official Synonym Symbols	PP1A; PP-1A; PPP1A; PP1alpha
NCBI Protein Information	serine/threonine-protein phosphatase PP1-alpha catalytic subunit
UniProt Protein Name	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit
UniProt Gene Name	PPP1CA
UniProt Synonym Gene Names	PPP1A; PP-1A

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/ppp1ca-pp1-alpha-antibody-immunofluorescence-immunohistochemistry-immunohistochemistry-western-blot-elisa/21283>