

Rabbit PPP3CA Polyclonal Antibody | anti-PPP3CA antibody

PPP3CA Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37061	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

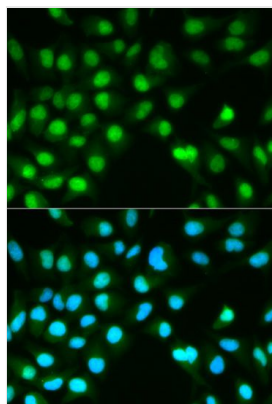
PRODUCT SYNONYMS

PPP3CA; Polyclonal Antibody; PPP3CA Polyclonal Antibody; CALN; CALNA; CALNA1; CCN1; CNA1; PPP2B; anti-PPP3CA antibody

PRODUCT SPECIFICATIONS

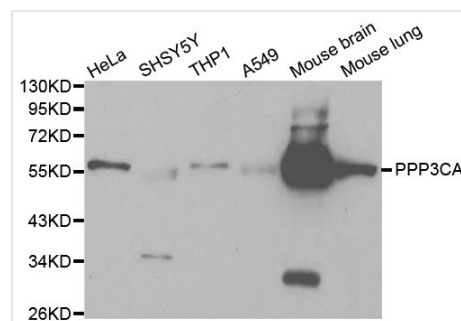
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	521
Applicable Applications for anti-PPP3CA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PPP3CA
Calculated Molecular Weight	61kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using PPP3CA antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PPP3CA 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-PPP3CA antibody	In eukaryotes, the phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions including division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the protein phosphatases. In general, the protein phosphatase (PP) holoenzyme is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit. Four major families of protein phosphatase catalytic subunit have been identified, designated PP1, PP2A, PP2B and PP2C. An additional protein phosphatase catalytic subunit, PPX (also known as PP4), is a putative member of a novel PP family. The PP2B family comprises subfamily members PP2B-A $\times$, PP2B-A $\hat{\times}$ and PP2B-A $\circ$. Two additional regulatory subunits been identified, designated PP2B-B1 and PP2B-B2.
Product Categories/Family for anti-PPP3CA antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1352673
NCBI GeneID	5530
UniProt Accession #	Q08209; Q8TAW9; A1A441; A8K3B7; A8W6Z7; A8W6Z8; B5BUA2
Molecular Weight	521
NCBI Official Full Name	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform
NCBI Official Synonym Full Names	protein phosphatase 3, catalytic subunit, alpha isozyme
NCBI Official Symbol	PPP3CA
NCBI Official Synonym Symbols	CALN; CCN1; CNA1; CALNA; PPP2B; CALNA1
NCBI Protein Information	serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform; calcineurin A alpha; CAM-PRP catalytic subunit; calmodulin-dependent calcineurin A subunit alpha isoform; protein phosphatase 2B, catalytic subunit, alpha isoform; protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform
UniProt Gene Name	PPP3CA
UniProt Synonym Gene Names	CALNA; CNA
UniProt Entry Name	PP2BA_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/ppp3ca-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37061>