

Rabbit PPP3CA Polyclonal Antibody | anti-PPP3CA antibody

PPP3CA antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200154	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot

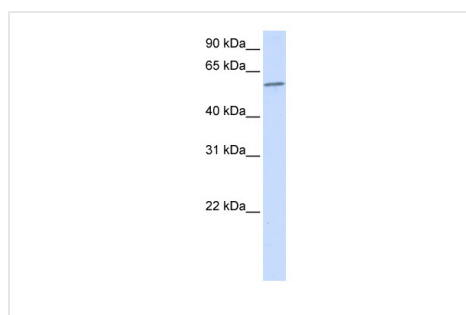
PRODUCT SYNONYMS

PPP3CA; Polyclonal Antibody; PPP3CA antibody - N-terminal region; anti-PPP3CA antibody

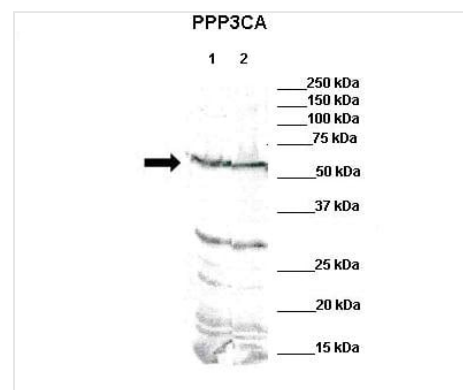
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MS EPKAI DPKLS TTDRVVKAVP FPPSHRLTAK EVFDNDGKPR VDILKAHL
Sequence Length	521
Applicable Applications for anti-PPP3CA antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PPP3CA
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

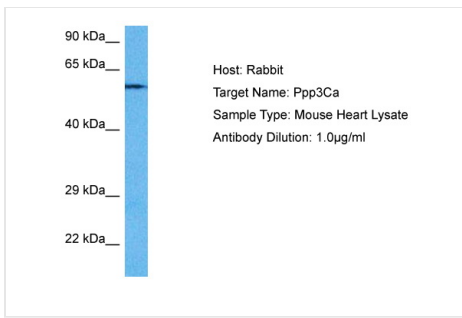


WB (Western Blot)

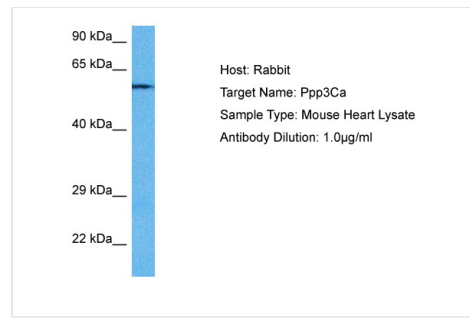
WB Suggested Anti-PPP3CA Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: 293T cell lysate


WB (Western Blot)

WB Suggested Anti-PPP3CA Antibody
Positive Control: Lane 1: 80ug mouse brain extract
Lane 2: 80ug rat brain extract
Primary Antibody Dilution : 1:500
Secondary Antibody : IRDye 800 CW
goat anti-rabbit from Li-COR Bioscience
Secondary Antibody Dilution : 1:20,000
Submitted by: Dr. Yuzhi Chen, University of Arkansas for Medical Science

**WB (Western Blot)**

Host: RabbitTarget Name: PPP3CASample Tissue: Mouse HeartAntibody Dilution: 1ug/ml

**WB (Western Blot)**

Host: MouseTarget Name: PPP3CASample Tissue: Mouse HeartAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PPP3CA antibody	This is a rabbit polyclonal antibody against PPP3CA. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PPP3CA belongs to the PPP phosphatase family, PP-2B subfamily. It is a calcium-dependent, calmodulin-stimulated protein phosphatase. This subunit may have a role in the calmodulin activation of calcineurin. PPP3CA dephosphorylates HSPB1 and SSH1.
Product Categories/Family for anti-PPP3CA antibody	Polyclonal; Transcription Regulation; Phosphorylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	6715568
NCBI GeneID	5530
NCBI Accession #	NP_000935
NCBI GenBank Nucleotide #	NM_000944
UniProt Accession #	P63329; Q08209
Molecular Weight	59kDa
NCBI Official Full Name	serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform isoform 1
NCBI Official Synonym Full Names	protein phosphatase 3 catalytic subunit alpha
NCBI Official Symbol	PPP3CA
NCBI Official Synonym Symbols	CALN; CCN1; CNA1; CALNA; IECEE; PPP2B; ACCIID; CALNA1; IECEE1
NCBI Protein Information	serine/threonine-protein phosphatase 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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.comOnline datasheet: <https://stage.aaabiotech.com/polyclonal/ppp3ca-antibody-western-blot-elisa/200154>