

Rabbit anti-Human PPP3CC Polyclonal Antibody | anti-PPP3CC antibody

PPP3CC Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283948	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

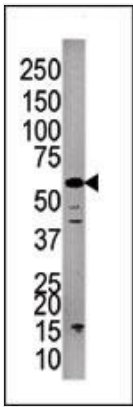
PRODUCT SYNONYMS

PPP3CC; Polyclonal Antibody; PPP3CC Antibody (C-term); Serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform; CAM-PRP catalytic subunit; Calcineurin; testis-specific catalytic subunit; Calmodulin-dependent calcineurin A subunit gamma isoform; CALNA3; CNA3; anti-PPP3CC antibody

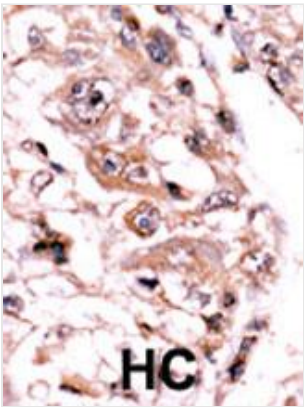
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPP3CC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 482-512 amino acids from the C-terminal region of human PPP3CC.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	482-512
Sequence Length	521
Applicable Applications for anti-PPP3CC antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
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)
Western blot analysis of anti-PPP3CC Pab in A375cell line lysate.PPP3CC(arrow) was detected using the purified Pab.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP3CC antibody	Calmodulin-dependent protein phosphatase, calcineurin, is involved in a wide range of biologic activities, acting as a Ca(2+)-dependent modifier of phosphorylation status. In testis, the motility of the sperm is thought to be controlled by cAMP-dependent phosphorylation and a unique form of calcineurin appears to be associated with the flagellum. The calcineurin holoenzyme is composed of catalytic and regulatory subunits of 60 and 18 kD, respectively. At least 3 genes, calcineurin A-alpha, calcineurin A-beta, and calcineurin A-gamma, have been cloned for the catalytic subunit. These genes have been identified in humans, mice, and rats, and are highly conserved between species (90 to 95% amino acid identity).
Product Categories/Family for anti-PPP3CC antibody	Signal Transduction; Amyotrophic Lateral Sclerosis (ALS)
References	Eastwood, S.L., et al., Biol. Psychiatry 57(7):702-710 (2005). Gerber, D.J., et al., Proc. Natl. Acad. Sci. U.S.A. 100(15):8993-8998 (2003). Bennasser, Y., et al., Virology 303(1):174-180 (2002). Esau, C., et al., J. Exp. Med. 194(10):1449-1459 (2001). Muramatsu, T., et al., Biochem. Biophys. Res. Commun. 188(1):265-271 (1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	345842412
NCBI GeneID	5533
NCBI Accession #	NP_001230903.1; NP_001230904.1; NP_005596.2
NCBI GenBank Nucleotide #	NM_001243974.1
UniProt Accession #	P48454; Q9BSS6; Q9H4M5; B4DRT5
Molecular Weight	58129
NCBI Official Full Name	serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform isoform 1
NCBI Official Synonym Full Names	protein phosphatase 3, catalytic subunit, gamma isozyme
NCBI Official Symbol	PPP3CC
NCBI Official Synonym Symbols	CNA3; CALNA3; PP2Bgamma
NCBI Protein Information	serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform

UniProt Gene Name	PPP3CC
UniProt Synonym Gene Names	CALNA3; CNA3
UniProt Entry Name	PP2BC_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/ppp3cc-antibody-western-blot-immunohistochemistry-elisa/283948>