

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

PPP3CC Antibody (N-term)

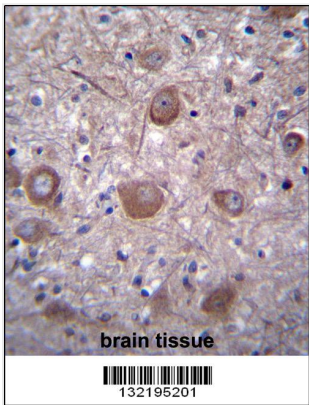
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285106	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

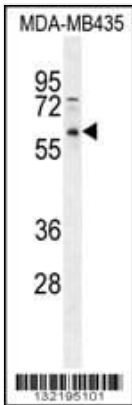
PPP3CC; Polyclonal Antibody; PPP3CC Antibody (N-term); Serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform; CAM-PRP catalytic subunit; Calcineurin; testis-specific catalytic subunit; Calmodulin-dependent calcineurin A subunit gamma isoform; CALNA3; CNA3; anti-PPP3CC antibody

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 10-37 amino acids from the N-terminal region of human PPP3CC.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	10-37
Sequence Length	521
Applicable Applications for anti-PPP3CC antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.



IHC (Immunohistochemistry)
PPP3CC Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PPP3CC Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PPP3CC Antibody (N-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the PPP3CC antibody detected the PPP3CC protein (arrow).

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 (CALNA1; MIM 114105), calcineurin A-beta (CALNA2; MIM 114106), and calcineurin A-gamma (CALNA3), 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	Liu, Y.J., et al. Obesity (Silver Spring) 18(12):2339-2346(2010) He, Z.H., et al. Eur. J. Appl. Physiol. 110(4):761-767(2010) Saus, E., et al. J Psychiatr Res 44(14):971-978(2010) Kyogoku, C., et al. Psychiatry Res (2010) In press : Pelak, K., et al. J. Infect. Dis. 201(8):1141-1149(2010)

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ppp3cc-antibody-immunohistochemistry-western-blot-elisa/285106>