Datasheet for ABIN360812

anti-PPP3CC antibody (N-Term)

2 Images

Go to Product page

Overview

Quantity:	0.4 mL
Target:	PPP3CC
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP3CC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human PPP3CC.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to PPP3CC.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	PPP3CC
Alternative Name:	PPP3CC / CALNA3 (PPP3CC Products)

Target Details

Background:	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 (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).Synonyms: CAM-PRP catalytic subunit, CNA3, Calcineurin testis-specific catalytic subunit, Calmodulin-dependent calcineurin A subunit gamma isoform, Serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform, protein phosphatase 2B catalytic subunit gamma
Gene ID:	5533
NCBI Accession:	NP_005596
UniProt:	P48454
Pathways:	RTK Signaling, WNT Signaling, VEGF Signaling, BCR Signaling

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100-1/500. Immunohistochemistry: 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C

Handling

Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

Images

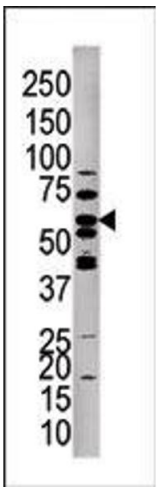

Image 1.

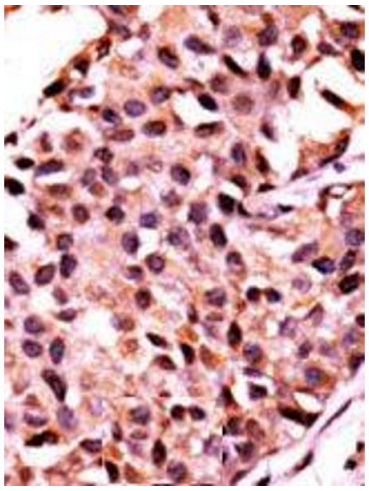

Image 2.