

Datasheet for ABIN392895
anti-PPP3CC antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	PPP3CC
Binding Specificity:	AA 18-47, 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))

Product Details

Immunogen:	This PPP3CC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-47 amino acids from the N-terminal region of human PPP3CC.
Clone:	RB6008
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PPP3CC
Alternative Name:	PPP3CC (PPP3CC Products)

Target Details

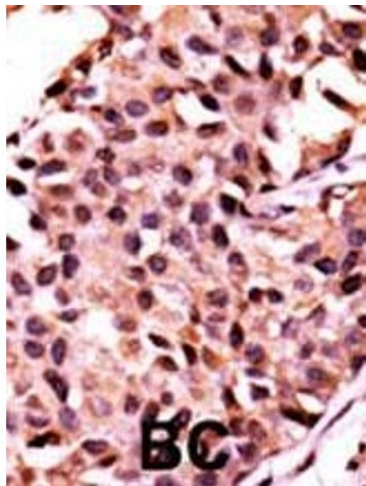
Background:	Calmodulin-dependent protein phosphatase, calcineurin, is involved in a wide range of biologic activities, acting as a Ca(2+)-dependent modifier of phosphorylation status. In testis, the motility of the sperm is thought to be controlled by cAMP-dependent phosphorylation and a unique form 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).
Molecular Weight:	58129
Gene ID:	5533
NCBI Accession:	NP_001230903 , NP_001230904 , NP_005596
UniProt:	P48454
Pathways:	RTK Signaling , WNT Signaling , VEGF Signaling , BCR Signaling

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

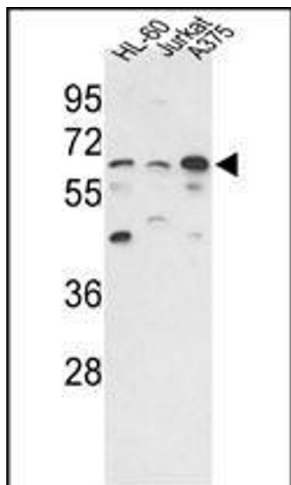
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in 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.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.



Western Blotting

Image 2. Western blot analysis of hP3CC-E33 (ABIN392895 and ABIN2837849) in HL-60, Jurkat, cell line lysates (35 μ g/lane). P3CC (arrow) was detected using the purified Pab.