

Datasheet for ABIN479962
anti-PPP3CA antibody (AA 268-280)



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Overview

Quantity:	100 µg
Target:	PPP3CA
Binding Specificity:	AA 268-280
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Xenopus laevis, Monkey, Hamster, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP3CA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Purified peptide conjugated to KLH. Sequence of peptide: NH ₂ -Arg-Met-Pro-Pro-Arg-Arg-Asp-Ala-Met-Pro-Ser-Asp-Ala-COOH (a. a. 268-280). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Xenopus, Hamster, Elephant, Panda, Dog, Bat, Bovine, Horse, Opossum, Platypus (100%), Stickleback (92%), Turkey, Chicken (85%).
Isotype:	IgG
Specificity:	PP2B (60kD) also known as calcineurin. Will detect PP2B in human, mouse, rat and bovine.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Xenopus, Hamster, Elephant, Panda, Dog, Bat, Bovine, Horse, Opossum, Platypus (100%) Stickleback (92%) Turkey, Chicken (85%).
Purification:	Ammonium sulfate precipitation

Target Details

Target:	PPP3CA
Alternative Name:	PPP3CA / CCN1 / Calcineurin A (PPP3CA Products)
Background:	Name/Gene ID: PPP3CA Subfamily: PP2B Family: Protein Phosphatase Synonyms: PPP3CA, Calcineurin A, CALN, CALNA, CALNA1, CNA1, PPP2B, Calcineurin A alpha, CAM-PRP catalytic subunit, CCN1, CNA, CNA alpha, pp2b-alpha
Gene ID:	5530
UniProt:	Q08209
Pathways:	RTK Signaling , WNT Signaling , Fc-epsilon Receptor Signaling Pathway , Negative Regulation of Hormone Secretion , Carbohydrate Homeostasis , Synaptic Membrane , Skeletal Muscle Fiber Development , Protein targeting to Nucleus , VEGF Signaling , BCR Signaling

Application Details

Application Notes:	Approved: IHC (1:250 - 1:500), WB (1:1000 - 1:2500) Usage: Suitable for use in Western Blot and Immunohistochemistry. Western Blot: 1:1000-1:2500. Immunohistochemistry: 1:250-1:500.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Supplied in PBS, 0.08 % 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 freeze-thaw cycles.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.