

Datasheet for ABIN7453555
anti-PPP3CA antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	PPP3CA
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-PPP3CA Antibody, Affinity Purified
Immunogen:	between AA 470 and C-term
Isotype:	IgG
Predicted Reactivity:	Rat,Bovine
Purification:	Affinity Purified

Target Details

Target:	PPP3CA
Alternative Name:	PPP3CA (PPP3CA Products)
Background:	Background: PPP3CA encodes the protein phosphatase 2B (PP2B) alpha catalytic subunit.

Target Details

PP2B, also known as calcineurin, is a holoenzyme that is comprised of a catalytic subunit associated with regulatory subunits. PP2B is a calcium regulated enzyme that is activated by calmodulin and participates in the signaling cascades involved in development of the nervous, cardiovascular, and musculoskeletal systems.

Gene ID:	5530
NCBI Accession:	NP_000935
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:	IHC: 1:1,000 - 1:5,000. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections. IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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
Expiry Date:	12 months