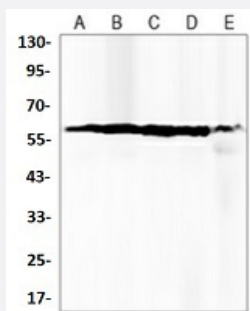


RecomAb™

PPP3CA recombinant monoclonal antibody

Catalog # RAB02579 Size 100 uL

Applications



Western Blot

Western blot analysis of HeLa (A), A549 (B), U2OS (C), rat brain (D), mouse lung (E) whole cell lysates with PPP3CA recombinant monoclonal antibody (Cat # RAB02579).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PPP3CA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human PPP3CA.
Theoretical MW (kDa)	59
Reactivity	Human, Mouse, Rat
Specificity	Recognizes endogenous levels of PPP3CA protein.
Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:10-1:50) Western Blot (1:500-1:1000)
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C short term.
Aliquot and store at -20°C long term.
Avoid freeze-thaw cycles.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Hela (A), A549 (B), U2OS (C), rat brain (D), mouse lung (E) whole cell lysates with PPP3CA recombinant monoclonal antibody (Cat # RAB02579).

- Immunoprecipitation

Gene Info — PPP3CA

Entrez GeneID[5530](#)**Protein Accession#**[Q08209](#)**Gene Name**

PPP3CA

Gene Alias

CALN, CALNA, CALNA1, CCN1, CNA1, PPP2B

Gene Description

protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform

Omim ID[114105](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

catalytic subunit

Other Designations

calcineurin A alpha|protein phosphatase 3, catalytic subunit, alpha isoform|serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Axon guidance](#)

- [B cell receptor signaling pathway](#)
- [Calcium signaling pathway](#)
- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [T cell receptor signaling pathway](#)
- [VEGF signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Parkinson disease](#)
- [Tobacco Use Disorder](#)