

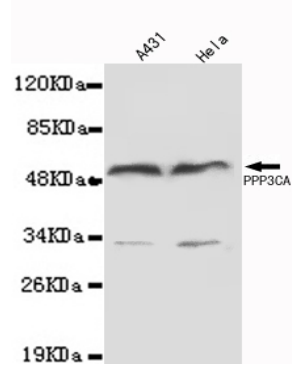


PPP3CA Antibody

E2200422

Catalog Number:	E2200422
Size:	100ug
Host:	Mouse
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Sensitivity:	This antibody detects endogenous levels of PPP3CA and does not cross-react with related proteins.
Entrez summary:	null
UniPort summary	Calcium-dependent, calmodulin-stimulated protein phosphatase. This subunit may have a
Function:	role in the calmodulin activation of calcineurin. Dephosphorylates DNMT1, HSPB1 and SSH1.
Immunogen:	Purified recombinant human PPP3CA protein fragments expressed in E.coli.
Antibody Type:	Monoclonal antibody
Isotype:	IgG1
Purified method:	Affinity purified
Subcellular location:	Nucleus. Note: Colocalizes with ACTN1 and MYO2 at the Z line in heart and skeletal muscle.
Reactivity:	H
Applications:	WB
Molecular Weight:	59kDa
UniProt number:	Q08209
GeneBank ID:	NM_000944
Gene symbol:	CALN; CCN1; CNA1; CALNA; PPP2B; CALNA1
Alternate names:	Alpha isoform formerly PPP2B;Calcineurin A alpha;Calcineurin A1;CalcineurinA;Calmodulin dependent calcineurin A subunit alpha isoform;Calmodulin-dependent calcineurin A subunit alpha isoform;CALN;CALNA 1;CALNA;CALNA1;CAM PRP catalytic subunit;CAM-PRP catalytic subunit;CCN 1;CCN1;CNA 1;CNA alpha;CNA;CNA1;PP2BA_HUMAN;PPP2B;PPP3CA;Protein phosphatase 2B catalytic subunit;Protein phosphatase 3 (formerly 2B) catalytic subunit alpha isoform;Protein phosphatase 3 catalytic subunit alpha isoform PPP3CA;Protein phosphatase 3 catalytic subunit alpha isozyme;Serine/threonine protein phosphatase 2B catalytic subunit alpha isoform;Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform

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Western blot detection of PPP3CA in A431&HeLa cell lysate (1:1000 diluted) Predicted band size: 59KDa Observed band size: 59KDa.