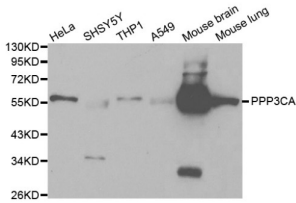
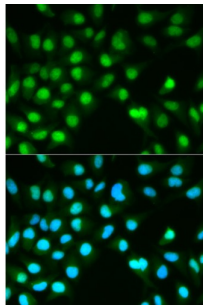


Protein Phosphatase 3 Catalytic Subunit Alpha (PPP3CA) Antibody

Catalogue No.: abx000986



Western blot analysis of extracts of various cell lines, using PPP3CA antibody (abx000986) at 1/1000 dilution.



Immunofluorescence analysis of HeLa cells using PPP3CA antibody (abx000986). Blue: DAPI for nuclear staining.

PPP3CA Antibody is a Rabbit Polyclonal antibody against PPP3CA. In eukaryotes, the phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions including division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the protein phosphatases. In general, the protein phosphatase (PP) holoenzyme is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit. Four major families of protein phosphatase catalytic subunit have been identified, designated PP1, PP2A, PP2B and PP2C. An additional protein phosphatase catalytic subunit, PPX (also known as PP4), is a putative member of a novel PP family. The PP2B family comprises subfamily members PP2B-A α , PP2B-A β and PP2B-A γ . Two additional regulatory subunits been identified, designated PP2B-B1 and PP2B-B2.

Target: Protein Phosphatase 3 Catalytic Subunit Alpha (PPP3CA)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: WB, IF/ICC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-511 of human Calcineurin A.

Datasheet

Version: 2.0.0
Revision date: 15 Nov 2024



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q08209 (UniProt , ExPASy)
Gene Symbol:	PPP3CA
GeneID:	5530
NCBI Accession:	NP_001124163.1
Molecular Weight:	Calculated MW: 59 kDa Observed MW: 57 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	This product is for research use only.

For Reference Only