

Mouse PPP1CA Monoclonal Antibody | anti-PPP1CA antibody

PPP1CA Monoclonal Antibody

CATALOG # AAA300867	HOST Mouse	REACTIVITY Human, Porcine, Rat, Mouse, Rabbit	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

PPP1CA; Monoclonal Antibody; PPP1CA Monoclonal Antibody; PP-1A; PPP1A; PP1alpha; anti-PPP1CA antibody

PRODUCT SPECIFICATIONS

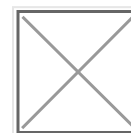
Host	Mouse
Reactivity	Human, Porcine, Rat, Mouse, Rabbit
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1C11-C10-H5-E9
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Sequence Length	51
Applicable Applications for anti-PPP1CA antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Purified recombinant human PPP1CA protein fragments expressed in E Coli.
Target Name	PPP1CA
Preparation and Storage	Store at -20 degree C

IMAGES



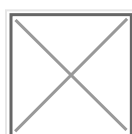
IHC (Immunohistochemistry)

IHC of paraffin-embedded human breast cancer using anti- PPP1CA diluted 1/500-1/1000.



ICC (Immunocytochemistry)

Immunocytochemistry stain of Hela using PPP1CA antibody (1:300).



WB (Western Blot)

Western blot detection of PPP1CA in MCF7, K562,Hela,HEPG2 & Jurkat Whole cell lysates using PPP1CA antibody (1:1000 diluted). Predicted band size: 38KDa Observed band size: 38KDa

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1CA antibody	Protein phosphatase 1 (PP1) is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. Involved in regulation of ionic conductances and long-term synaptic plasticity.
Product Categories/Family for anti-PPP1CA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	238810624
NCBI GeneID	5499
Molecular Weight	32,595 Da
NCBI Official Full Name	protein phosphatase 1, catalytic subunit, alpha, partial
NCBI Official Synonym Full Names	protein phosphatase 1, catalytic subunit, alpha isozyme
NCBI Official Symbol	PPP1CA
NCBI Official Synonym Symbols	PP1A; PP-1A; PPP1A; PP1alpha
NCBI Protein Information	serine/threonine-protein phosphatase PP1-alpha catalytic subunit
UniProt Protein Name	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit
UniProt Gene Name	PPP1CA
UniProt Synonym Gene Names	PPP1A; PP-1A
UniProt Entry Name	PP1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ppp1ca-antibody-clone-1c11-c10-h5-e9-immunohistochemistry-western-blot-elisa/300867>