

Product Datasheet

PPP1A Mouse mAb

Catalog No: AB3123

Reactivity: Human

Isotype: Mouse IgG1

Applications: WB,IHC,ICC/IF



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Information

UniProt ID: P62136

All Names: PP-1A; PPP1A; MGC1674; MGC15877; PP1alpha; PPP1CA;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 38KDa

Application

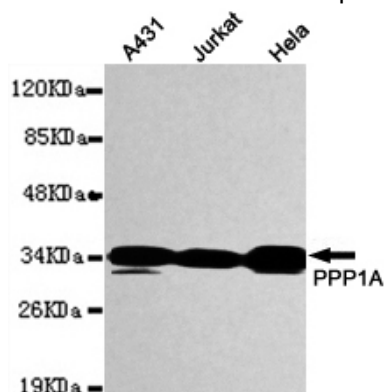
WB 1:1000

IHC 1:500

ICC/IF 1:300

Background

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. May play an important role in dephosphorylating substrates such as the postsynaptic density-associated Ca²⁺/calmodulin dependent protein kinase II.



Western blot detection of PPP1A in MCF7,K562,HeLa,HEPG2 and Jurkat whole cell lysates using PPP1A mouse mAb (1:1000 diluted).Predicted band size: 38KDa.Observed band size: 38KDa.

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