



## PP1C alpha (1H1) Mouse mAb

db6069 Package : 50μL 100μL

Product Name: PP1C alpha (1H1) Mouse mAb

Cat.No.: db6069

Synonyms: Alpha isoform serine threonine protein phosphatase PP1alpha 1 catalytic subunit; Catalytic subunit;

PP1A; PP1A\_HUMAN; PP1alpha; PP2C ALPHA; PP2CA; Ppp1ca; Protein Phosphatase 2C Alpha Isoform; Serine threonine protein phosphatase PP1 alpha catalytic subunit; Serine threonine protein phosphatase PP1 alpha catalytic subunit protein phosphatase 1; Serine/threonine-protein phosphatase

PP1-alpha catalytic subunit

Application: WB, ICC/IF
Reactivity: Human
Host species: Mouse

Background Protein phosphatase that associates with over 200 regulatory proteins to form highly specific

holoenzymes which dephosphorylate hundreds of biological targets. 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.

Immunogen Purified recombinant human PPP1A protein fragments expressed in E.coli

Gene ID 5499

Swiss Prot P62136

Synonyms Alpha isoform serine threonine protein phosphatase PP1alpha 1 catalytic subunit; Catalytic

subunit; PP1A; PP1A\_HUMAN; PP1alpha; PP2C ALPHA; PP2CA; Ppp1ca; Protein Phosphatase

2C Alpha Isoform; Serine threonine protein phosphatase PP1 alpha catalytic subunit; Serine

threonine protein phosphatase PP1 alpha catalytic subunit protein phosphatase 1;

Serine/threonine-protein phosphatase PP1-alpha catalytic subunit

**Reactivity** Human

**Application** WB, ICC/IF

Recommended dilution WB: 1:500-1:1000

ICC/IF: 1:50-1:200

Calculated MW 38 kDa

Observed MW 38 kDa

Host species Mouse





**Clonality** Monoclonal

Clonality No. 1H1-F7-D8

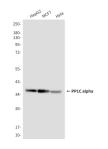
**Isotype** IgG1

**Purity** Affinity Purification

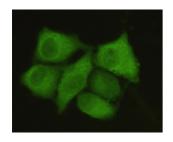
**Conjugation** Un-conjugated

Storage Stability Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA.

Stable for 12 months from date of receipt.



Western blot analysis of PPP1A in HepG2, MCF-7 and Hela lysates using PPP1A antibody.



Immunocytochemistry analysis of PP1C alpha in HeLa cells using PP1C alpha antibody.