

Product Information

Size:

100ul(100ug)

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000,
IHC:1:50-1:200

Protein Background:

Type 1 protein phosphatase (PP1), a serine/threonine phosphatase, is highly conserved in eukaryotic cells. Four isoforms of PP1 have been characterized: PP1 alpha , PP1 delta , PP1 gamma 1 and PP1 gamma 2. Involvement in cell cycle regulation is one of the biological functions of PP1. It has been illustrated that PP1 dephosphorylates Rb and cdc25 during mitosis. A cell cycle-dependent phosphorylation at Thr320 of PP1 alpha by cdc2 kinase inhibits PP1 alpha activity.

Gene ID:

PPP1CA

Uniprot

P62136

Synonyms:

PPP1CA; MGC15877; MGC1674; PP-1A; PP1alpha; PPP1A

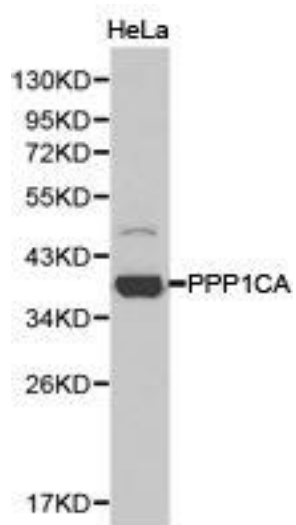
Immunogen:

Recombinant protein of human PPP1CA.

Storage:

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of HeLa cell line, using PPP1CA antibody.