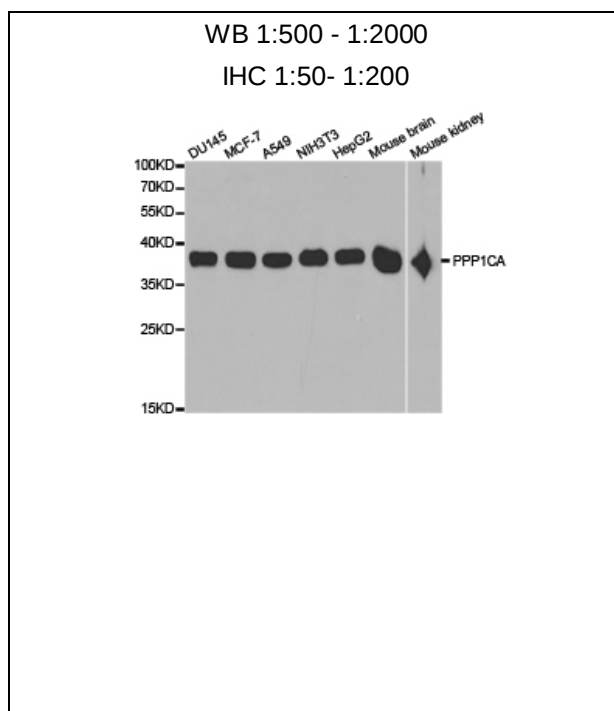




PPP1CAPolyclonal Antibody

E92184

- Catalog Number:** E92184
Amount: 100ul
Background: Type 1 protein phosphatase (PP1), a serine/threonine phosphatase, is highly conserved in eukaryotic cells. Four isoforms of PP1 have been characterized: PP1 α , PP1 δ , PP1 γ 1 and PP1 γ 2 (1). Involvement in cell cycle regulation is one of the biological functions of PP1 (1). It has been illustrated that PP1 dephosphorylates Rb and cdc25 during mitosis (2,3). A cell cycle-dependent phosphorylation at Thr320 of PP1 α by cdc2 kinase inhibits PP1 α activity (4).
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: PPP1CA;MGC15877;MGC1674;PP-1A;PP1alpha;PPP1A;
Immunogen: Recombinant protein of human PPP1CA
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 38kDa
Swiss-Prot No. : P62136
Gene ID: 5499
References: 1. Rubin, E. et al. (1998) Front. Biosci. 3, D1209-1219. 2. Durfee, T. et al. (1993) Genes Dev. 7, 555-569. 3. Izumi, T. et al. (1992) Mol. Cell. Biol. 3, 927-939. 4. Kwon, Y. G. et al. (1997) Proc. Natl. Acad. Sci. USA 94, 2168-2173.

**For Research Use Only**

Western blot analysis of extracts of various celllines,
using PPP1CA antibody.

