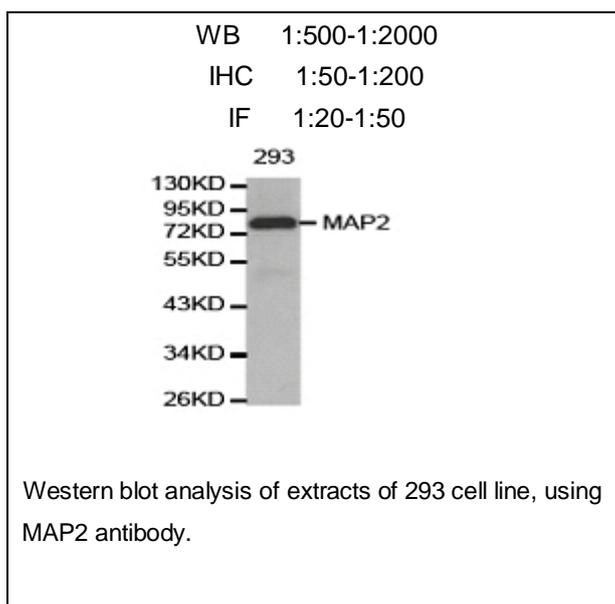




MAP2 Polyclonal Antibody

E90453

- Catalog Number:** E90453
Amount: 100ul
Background: MAP2 (microtubule-associated protein 2) is a cytoskeleton protein abundant in brain and has important role in neuronal morphogenesis. Multiple high molecular weight (MW) and low molecular weight (MW) MAP2 isoforms are expressed within axons, dendrites, and cell bodies. The expression of MAP2 is regulated in both a tissue- and developmentally specific manner. The 280 kD MAP2B is present throughout rat brain development, and the slightly larger MAP2A appears first during the end of the second week of postnatal life. MAP2C, composed of several bands of about 70 kD, is present during early brain development, and largely disappears from the mature brain except for the retina, olfactory bulb, and cerebellum. MAP2 antibodies have been widely used to mark the neuron or dendrite formation. This antibody can recognize both high MW and low MW isoforms of MAP2.
- 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: MAP2A; MAP2B; MAP2C;
Immunogen: Recombinant protein of human MAP2
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC IF
Molecular Weight: 59kDa
Swiss-Prot No. : P11137
Gene ID: 4133



For Research Use Only