

Mouse Microtubule-associated protein 1S (MAP1S) ELISA Kit

Catalog No: #EK9931

Package Size: #EK9931-1 48T #EK9931-2 96T

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Mouse Microtubule-associated protein 1S (MAP1S) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Other Names	BPY2IP1; C19orf5; FLJ10669; MAP8; MGC133087; VCY2IP-1; VCY2IP1; BPY2 interacting protein 1 VCY2 interacting protein 1 microtubule-associated protein 8
Accession No.	Q8C052
Uniprot	Q8C052
GeneID	270058;
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate MAP1S in samples. An antibody specific for MAP1S has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyMAP1S present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAP1S is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MAP1S bound in the initial step. The color development is stopped and the intensity of the color is measured.

Product Overview:Using the SEC1 homology domain of LRPPRC as probe in a yeast 2-hybrid screen, Liu and McKeehan (2002) cloned VCY2IP1 (BPY2IP1), which they called C19ORF5, from a liver cDNA library.The deduced 672-amino acid protein is proline-rich (12.8%) and contains an arginine-rich potential RNA-binding motif. VCY2IP1 shares significant homology with several microtubule-associated proteins. Northern blot analysis revealed a major transcript of about 3 kb in all 12 tissues tested. Additional less-abundant transcripts were detected in some tissues.The International Radiation Hybrid Mapping Consortium mapped the VCY2IP1 gene to chromosome 20.

Note: This product is for in vitro research use only