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MAP1S Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5769c

Specification

MAP1S Antibody (Center) Blocking peptide - Product Information

Primary Accession	Q66K74
Other Accession	NP_060644.4

MAP1S Antibody (Center) Blocking peptide - Additional Information

Gene ID 55201

Other Names
Microtubule-associated protein 1S, MAP-1S, BPY2-interacting protein 1, Microtubule-associated protein 8, Variable charge Y chromosome 2-interacting protein 1, VCY2-interacting protein 1, VCY2IP-1, MAP1S heavy chain, MAP1S light chain, MAP1S, BPY2IP1, C19orf5, MAP8, VCY2IP1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MAP1S Antibody (Center) Blocking peptide - Protein Information

Name MAP1S

Synonyms BPY2IP1, C19orf5, MAP8, VCY2IP1

Function
Microtubule-associated protein that mediates aggregation of mitochondria resulting in cell death and genomic destruction (MAGD). Plays a role in anchoring the microtubule organizing center to the centrosomes. Binds to DNA. Plays a role in apoptosis. Involved in the formation of microtubule bundles (By similarity).

Cellular Location
Nucleus. Cytoplasm, cytosol. Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, spindle. Note=Detected in filopodia-like protrusions and synapses (By similarity). Detected in perinuclear punctate network corresponding to mitochondrial aggregates and in the nucleus in cells exhibiting apoptosis. Associated specifically with microtubules stabilized by paclitaxel and colocalizes with RASSF1 isoform A. In interphase cells, shows a diffuse cytoplasmic staining with partial localization to the microtubules. During the different stages of mitosis detected at the spindle microtubules.

Tissue Location
Expressed in neurons (at protein level). Expressed in spermatocytes, spermatids and spermatozoa. Expressed in the cerebral cortex. Highly expressed in testis. Moderately expressed in the brain, colon, heart, kidney, liver, lung, placenta, small intestine, spleen and stomach. Weakly expressed in muscle.

MAP1S Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

MAP1S Antibody (Center) Blocking peptide - Images

MAP1S Antibody (Center) Blocking peptide - Background

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MAP1S Antibody (Center) Blocking peptide - References

Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)Wong, E.Y., et al. Biol. Reprod. 70(3):775-784(2004)Liu, L., et al. In Vitro Cell. Dev. Biol. Anim. 38(10):582-594(2002)Liu, L., et al. Genomics 79(1):124-136(2002)