**MAP1S Antibody (Center)**

Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5769c

### Specification

**MAP1S Antibody (Center) - Product Information**

- **Application**: WB, IHC-P, FC, E
- **Primary Accession**: Q66K74
- **Other Accession**: NP_060644.4
- **Reactivity**: Human
- **Host**: Rabbit
- **Clonality**: Polyclonal
- **Isotype**: Rabbit Ig
- **Clone Names**: RB27289
- **Calculated MW**: 112211
- **Antigen Region**: 493-520

**MAP1S Antibody (Center) - 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, MAP1S heavy chain, MAP1S light chain, MAP1S, BPY2IP1, C19orf5, MAP8, VCY2IP1

**Target/Specificity**
This MAP1S antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 493-520 amino acids from the Central region of human MAP1S.

**Dilution**
- WB: 1:1000
- IHC-P: 1:50–100
- FC: 1:10–50

**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
MAP1S Antibody (Center) is for research use only and not for use in diagnostic or clinical contexts.

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**MAP1S Antibody (Center) (Cat. #AP5769c)**
western blot analysis in CEM cell line lysates (35pg/lane). This demonstrates the MAP1S antibody detected the MAP1S protein (arrow).

**MAP1S Antibody (Center) (Cat. #AP5769c)**
immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MAP1S Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.
therapeutic procedures.

MAP1S Antibody (Center) - 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, 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

MAP1S Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry
- Cell Culture

MAP1S Antibody (Center) - Citations

- Microtubule-associated protein 1S-related autophagy inhibits apoptosis of intestinal epithelial cells via Wnt/β-catenin signaling in Crohn's disease.