Datasheet for ABIN651956

anti-MAP1S antibody (AA 493-520)

3 Images | 1 Publication

Go to Product page

Overview

Quantity:	400 µL
Target:	MAP1S
Binding Specificity:	AA 493-520
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP1S antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB27289
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MAP1S
Alternative Name:	MAP1S (MAP1S Products)

Target Details

Background:	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).
Molecular Weight:	112211
Gene ID:	55201
NCBI Accession:	NP_060644
UniProt:	Q66K74

Application Details

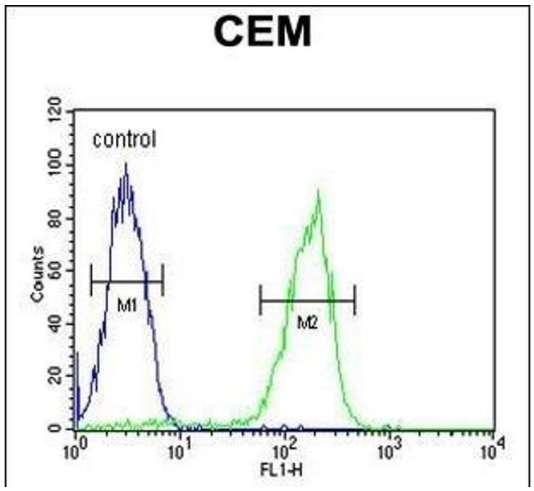
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

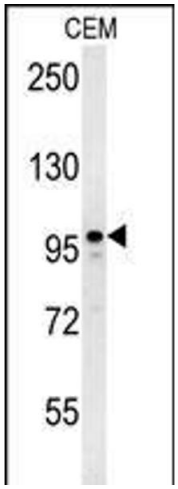
Publications

Product cited in:	Geillinger, Rathmann, Köhrle, Fiamoncini, Daniel, Kipp: "Hepatic metabolite profiles in mice with a suboptimal selenium status." in: **The Journal of nutritional biochemistry**, Vol. 25, Issue 9, pp. 914-22, (2014) (PubMed).



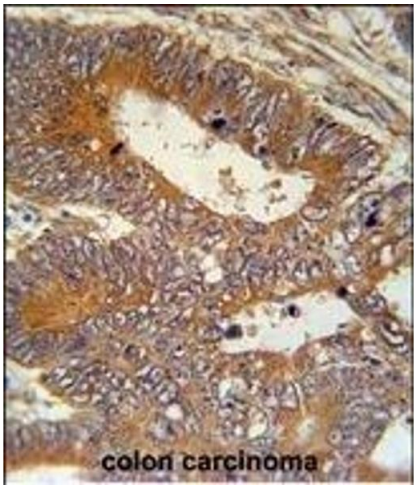
Flow Cytometry

Image 1. P1S Antibody (Center) (ABIN651956 and ABIN2840474) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. P1S Antibody (Center) (ABIN651956 and ABIN2840474) western blot analysis in CEM cell line lysates (35 µg/lane).This demonstrates the P1S antibody detected the P1S protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. P1S Antibody (Center) (ABIN651956 and ABIN2840474) immunohistochemistry analysis in forlin fixed and paraffin embedded hun colon carcino followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the P1S Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.