

Recombinant MID1IP1 Monoclonal Antibody

catalog number: AN300128P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

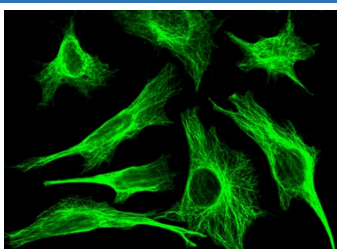
Description

Reactivity	Human
Immunogen	Recombinant Human MID1IP1 Protein
Host	Rabbit
Isotype	IgG
Clone	A1242
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

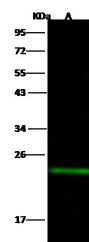
Applications Recommended Dilution

WB	1:500-1:1000
ICC/IF	1:20-1:100

Data



Immunofluorescence analysis of MID1IP1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human MID1IP1 Monoclonal Antibody (dilution ratio 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Cytoskeleton.



Western Blot with MID1IP1 Monoclonal Antibody at dilution of 1:500. Lane A: HepG2 Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:20 kDa
Calculated-MW:20 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

MID1IP1 (MID1 Interacting Protein 1) is a Protein Coding gene. The encoded protein belongs to the SPOT14 family. It is a homodimer in the absence of THRSP. MID1IP1 interacts with ACACA and ACACB. Its interaction with THRSP interferes with ACACA binding. It up-regulates ACACA enzyme activity and plays a role in the regulation of lipogenesis in the liver. MID1IP1 is required for efficient lipid biosynthesis, including triacylglycerol, diacylglycerol, and phospholipid. MID1IP1 is involved in the stabilization of microtubules. It is widely expressed in bone marrow, fat, and other tissues. Diseases associated with MID1IP1 include Gluten Allergy and Scoliosis. Among its related pathways are the Import of palmitoyl-CoA into the mitochondrial matrix and Metabolism.

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Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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