

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	5D11
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

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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