

Anti-MID1IP1 Antibody (4M880)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4M880
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human MID1IP1 Protein (TMPY-03495)
Antigen Species:	Human
Synonyms:	STRAIT11499;G12-like;S14R;MIG12;THRSP;MID1 interacting protein 1

Research 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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