

MBTPS1 rabbit monoclonal antibody

Catalog # H00008720-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MBTPS1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MBTPS1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MBTPS1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — MBTPS1

Entrez GeneID [8720](#)

GeneBank Accession# [MBTPS1](#)

Gene Name MBTPS1

Gene Alias KIAA0091, MGC138711, MGC138712, PCSK8, S1P, SKI-1

Gene Description membrane-bound transcription factor peptidase, site 1

Omim ID [603355](#)

Gene Ontology [Hyperlink](#)

Gene Summary The encoded protein has a central role in the regulation of lipid metabolism in cells. It is a sterol-regulated subtilisin-like serine protease that cleaves ER membrane-bound sterol regulatory element-binding proteins (SREBPs), a reaction that initiates the two-step proteolytic process by which transcriptionally active fragments of SREBPs are released from the membrane for translocation to the nucleus. The gene product is an integral membrane ER protein, with the bulk located in the ER lumen. It is synthesized as an inactive preproprotein that is self-activated by an intramolecular cleavage that generates the mature protein. [provided by RefSeq]

Other Designations membrane-bound transcription factor protease, site 1|membrane-bound transcription factor site-1 protease|site-1 protease|subtilisin/kexin isozyme-1

Disease

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