

THEM2 rabbit monoclonal antibody

Catalog # H00055856-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human THEM2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human THEM2 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 THEM2 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 — THEM2

Entrez GeneID	55856
GeneBank Accession#	THEM2
Gene Name	THEM2
Gene Alias	HT012, MGC4961, PNAS-27
Gene Description	thioesterase superfamily member 2
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the thioesterase superfamily. In humans, the protein co-localizes with microtubules and is essential for sustained cell proliferation. The orthologous mouse protein forms a homotetramer and is associated with mitochondria. The mouse protein functions as a medium- and long-chain acyl-CoA thioesterase. Multiple transcript variants encoding different isoforms have been found for this gene
Other Designations	15 Kd protein OTTHUMP00000016090 OTTHUMP00000039398 hypothalamus protein HT012

Disease

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- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)