

THTPA rabbit monoclonal antibody

Catalog # H00079178-K

Size 100 ug x up to 3

Specification

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

Entrez GeneID	79178
GeneBank Accession#	THTPA
Gene Name	THTPA
Gene Alias	MGC2652, THTP, THTPASE
Gene Description	thiamine triphosphatase
Omim ID	611612
Gene Ontology	Hyperlink
Gene Summary	Thiamine triphosphatase (THTPA) catalyzes the hydrolysis of thiamine triphosphate (THTP) to thiamine diphosphate (THDP), which is the major cellular form of thiamine (vitamin B1) (Lakaye et al., 2002 [PubMed 11827967]).[supplied by OMIM]
Other Designations	-

Pathway

- [Metabolic pathways](#)
- [Thiamine metabolism](#)