

TIA1 rabbit monoclonal antibody

Catalog # H00007072-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TIA1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TIA1 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 TIA1 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 — TIA1

Entrez GeneID [7072](#)

GeneBank Accession# [TIA1](#)

Gene Name TIA1

Gene Alias -

Gene Description TIA1 cytotoxic granule-associated RNA binding protein

Omim ID [603518](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The product encoded by this gene is a member of a RNA-binding protein family and possesses nucleolytic activity against cytotoxic lymphocyte (CTL) target cells. It has been suggested that this protein may be involved in the induction of apoptosis as it preferentially recognizes poly(A) homopolymers and induces DNA fragmentation in CTL targets. The major granule-associated species is a 15-kDa protein that is thought to be derived from the carboxyl terminus of the 40-kDa product by proteolytic processing. Alternative splicing resulting in different isoforms of this gene product has been described in the literature. [provided by RefSeq]

Other Designations

T-cell-restricted intracellular antigen-1|TIA1 cytotoxic granule-associated RNA-binding protein|TIA1 protein|cytotoxic granule-associated RNA-binding protein|nucleolysin TIA-1 isoform p40|p40-TIA-1 (containing p15-TIA-1)