

TRNT1 rabbit monoclonal antibody

Catalog # H00051095-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TRNT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TRNT1 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 TRNT1 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 — TRNT1

Entrez GeneID [51095](#)

GeneBank Accession# [TRNT1](#)

Gene Name TRNT1

Gene Alias CCA1, CGI-47, MtCCA

Gene Description tRNA nucleotidyl transferase, CCA-adding, 1

Gene Ontology [Hyperlink](#)

Gene Summary The CCA-adding enzyme TRNT1 (EC 2.7.7.25) is an essential enzyme that catalyzes the addition of the CCA terminus to the 3-prime end of tRNA precursors. This reaction is a fundamental prerequisite for mature tRNAs to become aminoacylated and to participate in protein biosynthesis (Lizano et al., 2007 [PubMed 17204286]).[supplied by OMIM]

Other Designations mitochondrial CCA-adding tRNA-nucleotidyltransferase