

TRMT12 rabbit monoclonal antibody

Catalog # H00055039-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TRMT12 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TRMT12 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 TRMT12 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 — TRMT12

Entrez GeneID	55039
GeneBank Accession#	TRMT12
Gene Name	TRMT12
Gene Alias	FLJ20772, TRM12, TYW2
Gene Description	tRNA methyltransferase 12 homolog (S. cerevisiae)
Omim ID	611244
Gene Ontology	Hyperlink
Gene Summary	Wybutosine (yW) is a hypermodified guanosine at the 3-prime position adjacent to the anticodon of phenylalanine tRNA that stabilizes codon-anticodon interactions during decoding on the ribosome. TRMT12 is the human homolog of a yeast gene essential for yW synthesis (Noma and Suzuki, 2006).[supplied by OMIM]
Other Designations	homolog of yeast tRNA methyltransferase homolog of yeast tRNA methyltransferase 12 tRNA methyltransferase 12 homolog tRNA-yW synthesizing protein 2