

ADAMTS14 rabbit monoclonal antibody

Catalog # H00140766-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ADAMTS14 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ADAMTS14 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 ADAMTS14 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 — ADAMTS14

Entrez GeneID	140766
GeneBank Accession#	ADAMTS14
Gene Name	ADAMTS14
Gene Alias	FLJ32820
Gene Description	ADAM metallopeptidase with thrombospondin type 1 motif, 14
Omim ID	607506
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. This gene is highly similar to two family members, ADAMTS2 and ADAMTS3, in its sequence and gene structure, and the encoded protein shares the aminoprocollagen peptidase activity with the protein products encoded by ADAMTS2 and ADAMTS3. Various transcript variants of this gene have been identified. They result from the use of two different promoters and transcription initiation sites as well as alternative splicing sites. The full length nature of some transcripts has not been defined. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000019762 OTTHUMP00000019763 a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 14 metalloprotease-disintegrin protease

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Tobacco Use Disorder](#)