

ADHFE1 rabbit monoclonal antibody

Catalog # H00137872-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ADHFE1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ADHFE1 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 ADHFE1 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 — ADHFE1

Entrez GeneID	137872
GeneBank Accession#	ADHFE1
Gene Name	ADHFE1
Gene Alias	ADH8, FLJ32430, HMFT2263, HOT, MGC48605
Gene Description	alcohol dehydrogenase, iron containing, 1
Omim ID	611083
Gene Ontology	Hyperlink
Gene Summary	The ADHFE1 gene encodes hydroxyacid-oxoacid transhydrogenase (EC 1.1.99.24), which is responsible for the oxidation of 4-hydroxybutyrate in mammalian tissues (Kardon et al., 2006 [PubMed 16616524]).[supplied by OMIM]
Other Designations	Fe-containing alcohol dehydrogenase 1 alcohol dehydrogenase 8 hydroxyacid-oxoacid transhydrogenase