

ADI1 rabbit monoclonal antibody

Catalog # H00055256-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ADI1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ADI1 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 ADI1 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 — ADI1

Entrez GeneID	55256
GeneBank Accession#	ADI1
Gene Name	ADI1
Gene Alias	APL1, ARD, FLJ10913, HMFT1638, MTCBP-1, MTCBP1, SIP-L, SIPL
Gene Description	acireductone dioxygenase 1
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that belongs to the aci-reductone dioxygenase family of metal-binding enzymes, which are involved in methionine salvage. This enzyme may regulate mRNA processing in the nucleus, and may carry out different functions depending on its localization. A pseudogene that is located on chromosome 20 has been defined for this gene. [provided by RefSeq]
Other Designations	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase MT1-MMP cytoplasmic tail-binding protein-1 membrane-type 1 matrix metalloproteinase cytoplasmic tail binding protein-1 submergence induced protein 2

Pathway

- [Cysteine and methionine metabolism](#)
- [Metabolic pathways](#)

Disease

- [Tobacco Use Disorder](#)