

ADD1 rabbit monoclonal antibody

Catalog # H00000118-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ADD1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ADD1 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 ADD1 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 — ADD1

Entrez GeneID	118
GeneBank Accession#	ADD1
Gene Name	ADD1
Gene Alias	ADDA, MGC3339, MGC44427
Gene Description	adducin 1 (alpha)
Omim ID	102680 145500
Gene Ontology	Hyperlink
Gene Summary	Adducins are a family of cytoskeleton proteins encoded by three genes (alpha, beta, gamma). Adducin is a heterodimeric protein that consists of related subunits, which are produced from distinct genes but share a similar structure. Alpha- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. Alpha- and gamma-adducins are ubiquitously expressed. In contrast, beta-adducin is expressed at high levels in brain and hematopoietic tissues. Adducin binds with high affinity to Ca(2+)/calmodulin and is a substrate for protein kinases A and C. Alternative splicing results in multiple variants encoding distinct isoforms; however, not all variants have been fully described. [provided by RefSeq]
Other Designations	OTTHUMP00000151164 OTTHUMP00000151165 erythrocyte adducin alpha subunit

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- [Cardiovascular Diseases](#)

- [Carotid Artery Diseases](#)
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