

A1CF rabbit monoclonal antibody

Catalog # H00029974-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human A1CF peptide using ARM Technology.
Immunogen	A synthetic peptide of human A1CF 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 A1CF 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 — A1CF

Entrez GeneID [29974](#)

GeneBank Accession# [A1CF](#)

Gene Name A1CF

Gene Alias ACF, ACF64, ACF65, APOBEC1CF, ASP, MGC163391, RP11-564C4.2

Gene Description APOBEC1 complementation factor

Gene Ontology [Hyperlink](#)

Gene Summary

Mammalian apolipoprotein B mRNA undergoes site-specific C to U deamination, which is mediated by a multi-component enzyme complex containing a minimal core composed of APOBEC-1 and a complementation factor encoded by this gene. The gene product has three non-identical RNA recognition motifs and belongs to the hnRNP R family of RNA-binding proteins. It has been proposed that this complementation factor functions as an RNA-binding subunit and docks APOBEC-1 to deaminate the upstream cytidine. Studies suggest that the protein may also be involved in other RNA editing or RNA processing events. Alternative splicing occurs at this locus and three full-length transcript variants, encoding three distinct isoforms, have been described. Additional splicing has been observed but the full-length nature of these variants has not been determined. [provided by RefSeq]

Other Designations

APOBEC-1 stimulating protein|OTTHUMP00000019611|OTTHUMP00000019612|OTTHUMP0000019614|OTTHUMP00000019615|OTTHUMP00000061209|apo-B RNA editing protein|apobec-1 complementation factor|apobec-1 complementation factor (ACF) (ASP)