

Rabbit anti-Human A1CF Polyclonal Antibody | anti-A1CF antibody

A1CF antibody - N-terminal region

CATALOG # AAA198823	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
-------------------------------	-----------------------	----------------------------	-------------------------------------

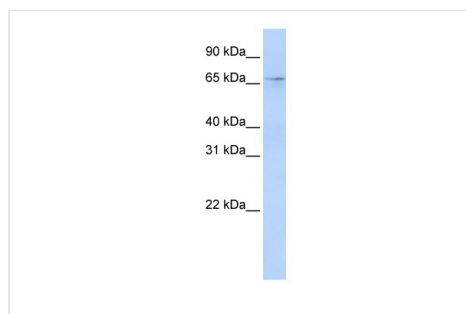
PRODUCT SYNONYMS

A1CF; Polyclonal Antibody; A1CF antibody - N-terminal region; anti-A1CF antibody

PRODUCT SPECIFICATIONS

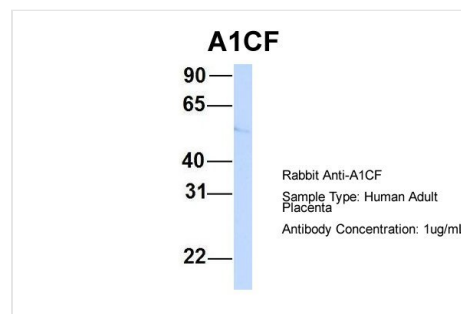
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EA VCLGTCPEPE ASMSTAIPGL KKGNNALQSI ILQTLLEKEN GQRKYGGP
Sequence Length	594
Applicable Applications for anti-A1CF antibody	WB (Western Blot)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human A1CF
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-A1CF Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:156250
 Positive Control: HepG2 cell lysate
 A1CF is supported by BioGPS gene expression data to be expressed in HepG2



WB (Western Blot)

Host: Rabbit
 Target Name: A1CF
 Sample Type: Human Adult Placenta
 Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-A1CF antibody	This is a rabbit polyclonal antibody against A1CF. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. A1CF 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.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.
Product Categories/Family for anti-A1CF antibody	Polyclonal; RNA Binding Proteins; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	219521544
NCBI GeneID	29974
NCBI Accession #	NP_620311
NCBI GenBank Nucleotide #	NM_138933
UniProt Accession #	Q9NQ94
Molecular Weight	65kDa
NCBI Official Full Name	A1CF protein
NCBI Official Synonym Full Names	APOBEC1 complementation factor
NCBI Official Symbol	A1CF
NCBI Official Synonym Symbols	ACF; ASP; ACF64; ACF65; APOBEC1CF
NCBI Protein Information	APOBEC1 complementation factor
UniProt Protein Name	APOBEC1 complementation factor
UniProt Gene Name	A1CF
UniProt Synonym Gene Names	ACF; ASP
UniProt Entry Name	A1CF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.