

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

ACF Antibody (C-term)

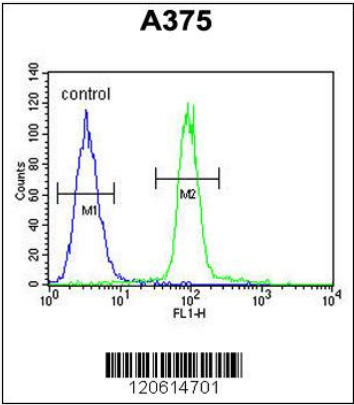
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286864	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

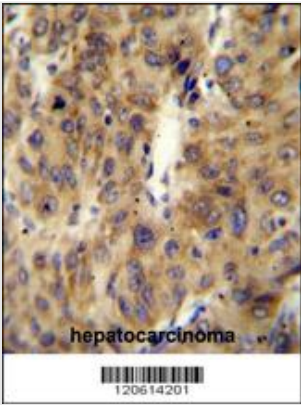
ACF; Polyclonal Antibody; ACF Antibody (C-term); APOBEC1 complementation factor; APOBEC1-stimulating protein; A1CF; ASP {ECO:0000312|EMBL:CAB947541}; anti-A1CF antibody

PRODUCT SPECIFICATIONS

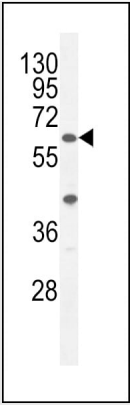
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ACF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 394-423 amino acids from the C-terminal region of human ACF.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	394-423
Sequence Length	586
Applicable Applications for anti-A1CF antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ACF Antibody (C-term) flow cytometric analysis of A375 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
ACF Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ACF Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ACF Antibody (C-term) western blot analysis in A375 cell line lysates (35ug/lane).This demonstrates the ACF antibody detected the ACF protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-A1CF antibody	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.
References	Galloway, C.A., et al. Biochem. Biophys. Res. Commun. 391(1):659-663(2010) Blanc, V., et al. Mol. Cell. Biol. 25(16):7260-7269(2005) Deloukas, P., et al. Nature 429(6990):375-381(2004) Xie, K., et al. Proc. Natl. Acad. Sci. U.S.A. 101(21):8114-8119(2004) Blanc, V., et al. J. Biol. Chem. 278(42):41198-41204(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	311771764
NCBI GeneID	29974

NCBI Accession #	NP_001185747.1; NP_001185748.1; NP_001185749.1; NP_055391.2; NP_620310.1; NP_620311.1
NCBI GenBank Nucleotide #	NM_001198818.1
UniProt Accession #	Q9NQ94; Q5SZQ0; Q9NQ93; Q9NQX8; Q9NQX9; Q9NXC9; Q9NZD3; A1L4F2; A8K7G7; B7ZM14
Molecular Weight	65202
NCBI Official Full Name	APOBEC1 complementation factor isoform 1
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 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/acf-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286864>