

Rabbit anti-Human, Mouse APOBEC3F Polyclonal Antibody | anti-APOBEC3F antibody

APOBEC3F Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234013	Rabbit	Human, Mouse	Immunofluorescence, Western Blot, ELISA

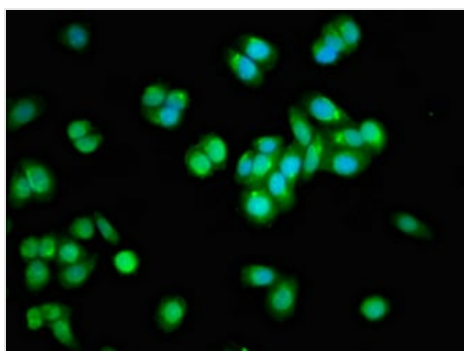
PRODUCT SYNONYMS

APOBEC3F; Polyclonal Antibody; APOBEC3F Antibody; DNA dC->dU-editing enzyme APOBEC-3F; Apolipoprotein B mRNA-editing enzyme catalytic polypeptide-like 3F; A3F; anti-APOBEC3F antibody

PRODUCT SPECIFICATIONS

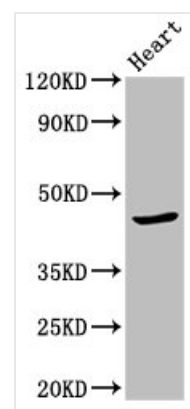
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	101
Applicable Applications for anti-APOBEC3F antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human DNA dC->dU-editing enzyme APOBEC-3F protein (139-287AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA234013 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)

Western BlotPositive WB detected in: Mouse heart tissueAll lanes: APOBEC3F antibody at 2.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 46, 10, 12 KDaObserved band size: 46 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-APOBEC3F antibody	DNA deaminase (cytidine deaminase) which acts as an inhibitor of retrovirus replication and retrotransposon mobility via deaminase-dependent and -independent mechanisms. Exhibits antiviral activity against vif-deficient HIV-1. After the penetration of retroviral nucleocapsids into target cells of infection and the initiation of reverse transcription, it can induce the conversion of cytosine to uracil in the minus-sense single-strand viral DNA, leading to G-to-A hypermutations in the subsequent plus-strand viral DNA. The resultant detrimental levels of mutations in the proviral genome, along with a deamination-independent mechanism that works prior to the proviral integration, together exert efficient antiretroviral effects in infected target cells. Selectively targets single-stranded DNA and does not deaminate double-stranded DNA or single- or double-stranded RNA. Exhibits antiviral activity also against hepatitis B virus (HBV), equine infectious anemia virus (EIAV), xenotropic MuLV-related virus (XMRV) and simian foamy virus (SFV) and may inhibit the mobility of LTR and non-LTR retrotransposons. May also play a role in the epigenetic regulation of gene expression through the process of active DNA demethylation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54873619
NCBI GeneID	200316
NCBI Accession #	NP_001006667.1
NCBI GenBank Nucleotide #	NM_001006666.1
UniProt Accession #	Q8IUX4; Q45F03; Q6ICH3; Q7Z2N2; Q7Z2N5; B0QYD4
Molecular Weight	11,823 Da
NCBI Official Full Name	DNA dC->dU-editing enzyme APOBEC-3F isoform b
NCBI Official Synonym Full Names	apolipoprotein B mRNA editing enzyme catalytic subunit 3F
NCBI Official Symbol	APOBEC3F
NCBI Official Synonym Symbols	A3F; KA6; ARP8; BK150C2.4.MRNA
NCBI Protein Information	DNA dC->dU-editing enzyme APOBEC-3F
UniProt Protein Name	DNA dC->dU-editing enzyme APOBEC-3F
UniProt Gene Name	APOBEC3F
UniProt Synonym Gene Names	A3F

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://www.aaabiotech.com/polyclonal/apobec3f-antibody-immunofluorescence-western-blot-elisa/234013>