

Rabbit anti-Human APOBEC3C Polyclonal Antibody | anti-APOBEC3C antibody

APOBEC3C Antibody

CATALOG # AAA118760	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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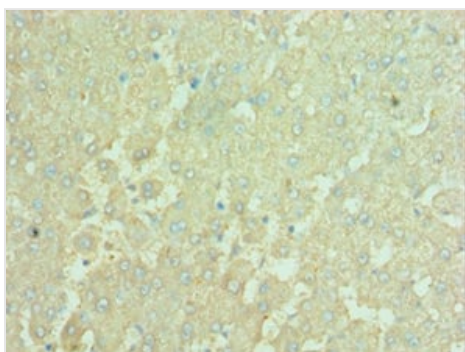
PRODUCT SYNONYMS

APOBEC3C; Polyclonal Antibody; APOBEC3C Antibody; A3C; APOBEC1-like; Phorbolin I; APOBEC1L; PBI; anti-APOBEC3C antibody

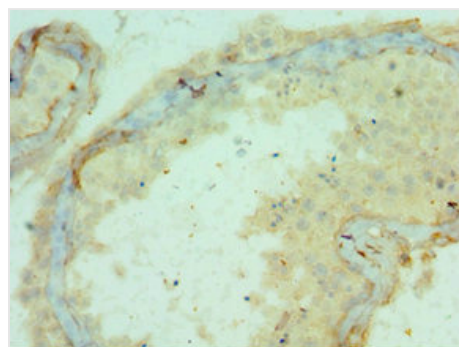
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	190
Applicable Applications for anti-APOBEC3C antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human DNA dC->dU-editing enzyme APOBEC-3C protein(1-190aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46731 / sc-46732
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA118760 at dilution 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA118760 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-APOBEC3C antibody	DNA deaminase (cytidine deaminase) which acts as an inhibitor of retrovirus replication and retrotransposon mobility via deaminase-dependent and -independent mechanisms. 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 against simian immunodeficiency virus (SIV), hepatitis B virus (HBV), herpes simplex virus 1 (HHV-1) and Epstein-Barr virus (EBV) 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 #	22907039
NCBI GeneID	27350
NCBI Accession #	NP_055323.2
NCBI GenBank Nucleotide #	NM_014508.2
UniProt Accession #	Q9NRW3; Q5JZ92; Q7Z2N7; Q96F12; B2R884
Molecular Weight	22,826 Da
NCBI Official Full Name	DNA dC->dU-editing enzyme APOBEC-3C
NCBI Official Synonym Full Names	apolipoprotein B mRNA editing enzyme catalytic polypeptide like 3C
NCBI Official Symbol	APOBEC3C
NCBI Official Synonym Symbols	A3C; PBI; ARP5; ARDC2; ARDC4; APOBEC1L; bK150C2.3
NCBI Protein Information	DNA dC->dU-editing enzyme APOBEC-3C
UniProt Protein Name	DNA dC->dU-editing enzyme APOBEC-3C
UniProt Gene Name	APOBEC3C
UniProt Synonym Gene Names	APOBEC1L; PBI; A3C
UniProt Entry Name	ABC3C_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://www.aaabiotech.com/polyclonal/apobec3c-antibody-immunohistochemistry-elisa/118760>