

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

APOBEC3C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119451	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

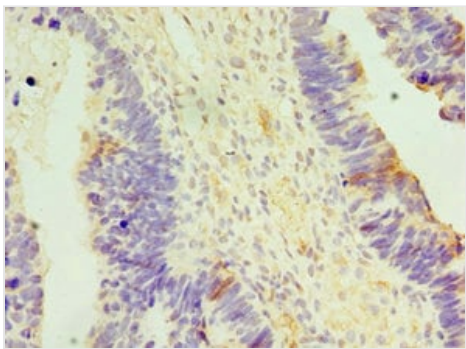
PRODUCT SYNONYMS

APOBEC3C; Polyclonal Antibody; APOBEC3C Antibody; DNA dC->dU-editing enzyme APOBEC-3C (A3C) (EC 3.5.4.-) (APOBEC1-like) (Phorbolin I); APOBEC1L PBI; anti-APOBEC3C antibody

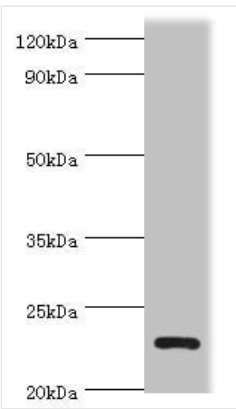
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	190
Applicable Applications for anti-APOBEC3C antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Research Area	Epigenetics and Nuclear Signaling
Species	Human
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	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human ovarian cancer using AAA119451 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: APOBEC3C antibody at 3ug/ml+K562 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 23kDaObserved band size: 23kDa

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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/apobec3c-antibody-immunohistochemistry-western-blot-elisa/119451>