

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

APOBEC3C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327711	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

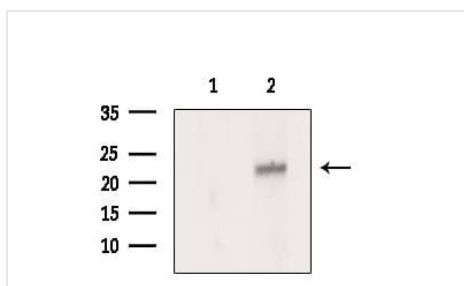
PRODUCT SYNONYMS

APOBEC3C; Polyclonal Antibody; APOBEC3C Antibody; A3C; ABC3C_HUMAN; APOBEC1 like; APOBEC1-like; APOBEC1L; Apolipoprotein B mRNA editing enzyme catalytic polypeptide like 3C; ARDC2; ARDC4; ARP5; bK150C2.3; DNA dC > dU editing enzyme APOBEC 3C; MGC19485; PBI; Phorbolin I; Phorbolin I protein; Probable DNA dC dU editing enzyme APOBEC 3C; Probable DNA dC-> dU-editing enzyme APOBEC-3C; anti-APOBEC3C antibody

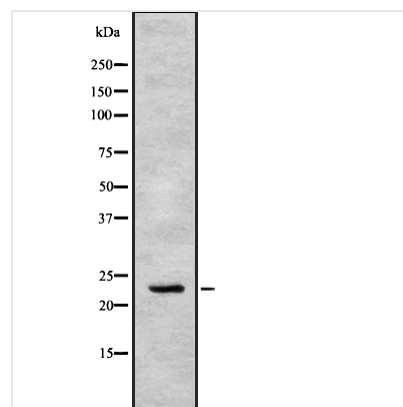
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	APOBEC3C antibody detects endogenous levels of total APOBEC3C
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	190
Applicable Applications for anti-APOBEC3C antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human APOBEC3C corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

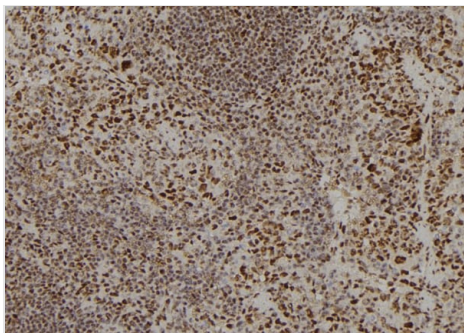
IMAGES


WB (Western Blot)

Western blot analysis of extracts from A2780 cells, using APOBEC3C Antibody. The lane on the left was treated with blocking peptide.


WB (Western Blot)

Western blot analysis of APOBEC3C using COLO205 whole cell lysates



IHC (Immunohistochemistry)

AAA327711 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-APOBEC3C antibody

Function: 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.

Similarity: Belongs to the cytidine and deoxycytidylate deaminase family.

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	23 kDa
NCBI Official Full Name	DNA dC->dU-editing enzyme APOBEC-3C
NCBI Official Synonym Full Names	apolipoprotein B mRNA editing enzyme catalytic subunit 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

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-western-blot-elisa/327711>