

Rabbit anti-Human APOBEC3D Polyclonal Antibody | anti-APOBEC3D antibody

APOBEC3D Antibody

CATALOG # AAA234016	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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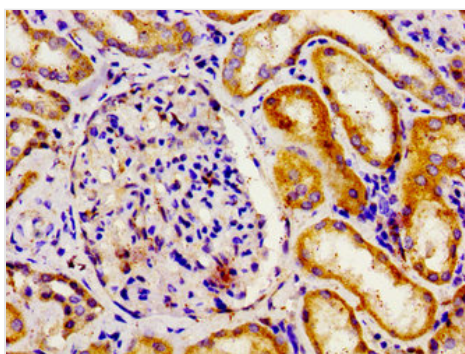
PRODUCT SYNONYMS

APOBEC3D; Polyclonal Antibody; APOBEC3D Antibody; DNA dC->dU-editing enzyme APOBEC-3D; A3D; anti-APOBEC3D antibody

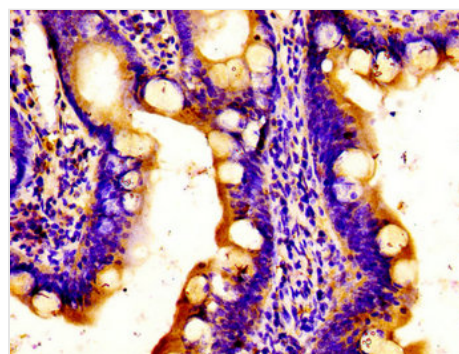
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	386
Applicable Applications for anti-APOBEC3D antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human DNA dC->dU-editing enzyme APOBEC-3D protein (250-371AA)
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


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA234016 at dilution of 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine tissue using AAA234016 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-APOBEC3D 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. May inhibit the mobility of LTR and non-LTR retrotransposons.
Product Categories/Family for anti-APOBEC3D antibody	Epigenetics and Nuclear Signaling; Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	48474596
NCBI GeneID	140564
UniProt Accession #	Q96AK3; Q5JZ91; Q7Z2N2; Q7Z2N5; Q7Z2N6
Molecular Weight	46,598 Da
NCBI Official Full Name	DNA dC->gt
NCBI Official Synonym Full Names	apolipoprotein B mRNA editing enzyme catalytic subunit 3D
NCBI Official Symbol	APOBEC3D
NCBI Official Synonym Symbols	A3D; ARP6; APOBEC3E; APOBEC3DE
NCBI Protein Information	DNA dC->dU-editing enzyme APOBEC-3D
UniProt Protein Name	DNA dC->dU-editing enzyme APOBEC-3D
UniProt Gene Name	APOBEC3D
UniProt Synonym Gene Names	A3D

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/apobec3d-antibody-immunohistochemistry-elisa/234016>