

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

APOBEC3D/F Antibody

CATALOG # AAA302508	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

APOBEC3D/F; Polyclonal Antibody; APOBEC3D/F Antibody; Probable DNA dC->dU-editing enzyme APOBEC-3D; EC 3.5.4.-; APOBEC3D; anti-APOBEC3D/F antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total APOBEC3D/F protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	386
Applicable Applications for anti-APOBEC3D/F antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human APOBEC3D/F.
Target Name	APOBEC3D/F
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human placenta tissue using APOBEC3D/F antibody.



WB (Western Blot)

Western blot analysis of extracts from MCF-7 cells and COS-7 cells, using APOBEC3D/F antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-APOBEC3D/F 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.Dunham I., Nature 402:489-495(1999).Jarmuz A., Genomics 79:285-296(2002).Wedekind J.E., Trends Genet. 19:207-216(2003).
Product Categories/Family for anti-APOBEC3D/F antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	48474596
UniProt Accession #	Q96AK3; Q5JZ91; Q7Z2N2; Q7Z2N5; Q7Z2N6
Molecular Weight	46,598 Da
NCBI Official Full Name	DNA dC->gt
UniProt Protein Name	DNA dC->dU-editing enzyme APOBEC-3D
UniProt Gene Name	APOBEC3D
UniProt Synonym Gene Names	A3D
UniProt Entry Name	ABC3D_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://stage.aaabiotech.com/polyclonal/apobec3d-f-antibody-immunohistochemistry-western-blot-elisa/302508>