

Rabbit anti-Human, Rat APOBEC3G Polyclonal Antibody | anti-APOBEC3G antibody

Anti-APOBEC3G Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA261917	Rabbit	Human, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

APOBEC3G; Polyclonal Antibody; Anti-APOBEC3G Antibody; DNA dC->dU-editing enzyme APOBEC-3G; APOBEC-related cytidine deaminase; APOBEC-related protein; ARCD; APOBEC-related protein 9; ARP-9; CEM-15; CEM15; Deoxycytidine deaminase; A3G; anti-APOBEC3G antibody

PRODUCT SPECIFICATIONS

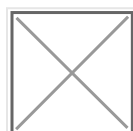
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of APOBEC3G protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	384
Applicable Applications for anti-APOBEC3G antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human APOBEC3G
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



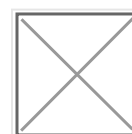
IF (Immunofluorescence)

Immunofluorescent analysis of APOBEC3G staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of APOBEC3G expression in Jurkat (A) whole cell lysates.



IHC (Immunohistochemistry)

Immunohistochemical analysis of APOBEC3G staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL INFORMATION

Related Product Information for anti-APOBEC3G antibody	Rabbit polyclonal antibody to APOBEC3G
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13399304
NCBI GeneID	60489
NCBI Accession #	NP_068594.1
NCBI GenBank Nucleotide #	NM_021822.3
UniProt Accession #	Q9HC16; Q45F02; Q5TF77; Q7Z2N1; Q7Z2N4; Q9H9H8; B2RDR9
Molecular Weight	9,386 Da
NCBI Official Full Name	DNA dC->dU-editing enzyme APOBEC-3G
NCBI Official Synonym Full Names	apolipoprotein B mRNA editing enzyme catalytic subunit 3G
NCBI Official Symbol	APOBEC3G
NCBI Official Synonym Symbols	A3G; ARCD; ARP9; ARP-9; CEM15; CEM-15; MDS019; bK150C2.7; dJ494G10.1
NCBI Protein Information	DNA dC->dU-editing enzyme APOBEC-3G
UniProt Protein Name	DNA dC->dU-editing enzyme APOBEC-3G
UniProt Gene Name	APOBEC3G
UniProt Synonym Gene Names	APOBEC-related protein; ARCD; ARP-9; CEM15; A3G
UniProt Entry Name	ABC3G_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/apobec3g-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/261917>