

Rabbit APOBEC3G Polyclonal Antibody | anti-APOBEC3G antibody

APOBEC3G Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281117	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

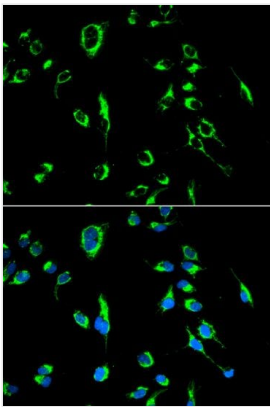
PRODUCT SYNONYMS

APOBEC3G; Polyclonal Antibody; APOBEC3G Polyclonal Antibody; A3G; ARCD; ARP-9; ARP9; bK150C2.7; CEM-15; CEM15; dJ494G10.1; MDS019; anti-APOBEC3G antibody

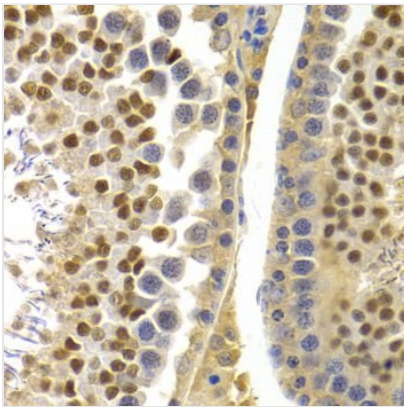
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.
Sequence	SELKYHPEMR FFHWFSKWRK LHRDQEYEVY WYISWSPCTK CTRDMATFLA EDPKVTLTIF VARLYYFWDP DYQEALRSLC QKRDGPRATM KIMNYDEFQH CWSKFVYSQR ELFEPWNNLP KYIILLHIML GEILRHSM DP PTFTFNFNNE PWVRGRHETY LCYEVE RMHN DTWVLLNQRR GFLCNQAPHK HGFLEGRHAE LCFLDVIPFW KLDLDQDYRV TCFTSWSPCF SCAQEMAKFI SKNKHVSLCI FTARI
Sequence Length	384
Applicable Applications for anti-APOBEC3G antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant protein of human APOBEC3G
Immunogen Species	Human
Cellular Location	Cytoplasm, Nucleus, P-body
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of MCF-7 cells using APOBEC3G antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat testis using APOBEC3G antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-APOBEC3G antibody	This gene is a member of the cytidine deaminase gene family. It is one of seven related genes or pseudogenes found in a cluster, thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1. The protein encoded by this gene catalyzes site-specific deamination of both RNA and single-stranded DNA. The encoded protein has been found to be a specific inhibitor of human immunodeficiency virus-1 (HIV-1) infectivity.
Product Categories/Family for anti-APOBEC3G antibody	Polyclonal Antibodies

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	9kDa/46kDa
NCBI Official Full Name	DNA dC->dU-editing enzyme APOBEC-3G isoform 1
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

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.