

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

APOBEC3G antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197617	Rabbit	Human, Pig	Immunohistochemistry, Western Blot

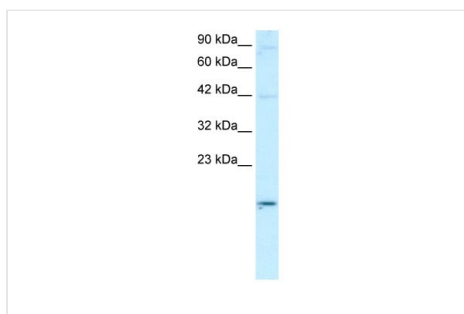
PRODUCT SYNONYMS

APOBEC3G; Polyclonal Antibody; APOBEC3G antibody - N-terminal region; anti-APOBEC3G antibody

PRODUCT SPECIFICATIONS

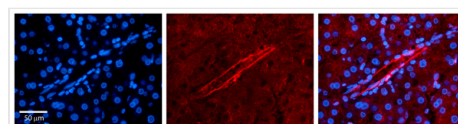
Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AK IFRGQVYSEL KYHPEMRFFH WFSKWRKLHR DQEYEVWYI SWSPCTKC
Sequence Length	384
Applicable Applications for anti-APOBEC3G antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Human: 100%; Pig: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human APOBEC3G
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



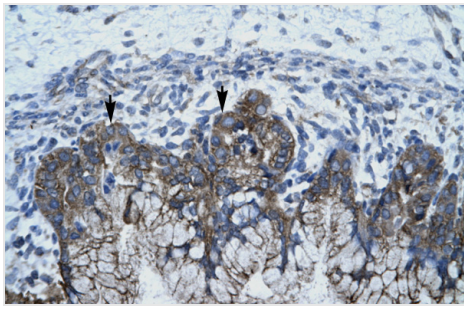
WB (Western Blot)

WB Suggested Anti-APOBEC3G Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Daudi cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-ASGR2 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Liver
Tissue
Observed Staining: Plasma membrane in endothelial cells in lymphatic vessel
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)
Human Stomach

ADDITIONAL INFORMATION

Related Product Information for anti-APOBEC3G antibody	This is a rabbit polyclonal antibody against APOBEC3G. It was validated on Western Blot and immunohistochemistry Target Description: APOBEC3G 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. It is thought that the proteins may be RNA editing enzymes and have roles in growth or cell cycle control. The protein encoded by this gene has been found to be a specific inhibitor of human immunodeficiency virus-1 (HIV-1) infectivity.
Product Categories/Family for anti-APOBEC3G antibody	Polyclonal; RNA Binding Proteins; Lymphocyte Signaling; Drugs and Drug Metabolism; Meiosis/Mitosis/Cell Cycle ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	13399304
NCBI GeneID	60489
NCBI Accession #	NP_068594
NCBI GenBank Nucleotide #	NM_021822
UniProt Accession #	Q9HC16
Molecular Weight	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
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.