Rabbit anti-Human APOBEC3G (CEM15) Polyclonal Antibody | anti-APOBEC3G antibody

APOBEC3G (CEM15) Antibody (Center E133)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284739	**Rabbit**	**Human**	**Immunohistochemistry, ELISA, Western Blot**

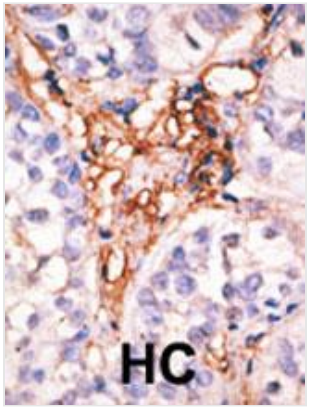
PRODUCT SYNONYMS

APOBEC3G (CEM15); Polyclonal Antibody; APOBEC3G (CEM15) Antibody (Center E133); DNA dC->dU-editing enzyme APOBEC-3G; 354-; APOBEC-related cytidine deaminase; APOBEC-related protein; ARCD; APOBEC-related protein 9; ARP-9; CEM-15; CEM15; Deoxycytidine deaminase; A3G; APOBEC3G; anti-APOBEC3G antibody

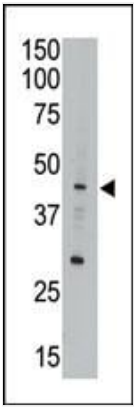
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This APOBEC3G (CEM15) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 118-148 amino acids from the Central region of human APOBEC3G (CEM15).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	118-148
Sequence Length	79
Applicable Applications for anti-APOBEC3G antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-CEM15 Pab is used in Western blot to detect CEM15 in A549 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-APOBEC3G antibody	CEM15 is a member of the cytidine deaminase family. It is the product of 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. CEM15 has been found to be a specific inhibitor of human immunodeficiency virus-1 (HIV-1) infectivity.
Product Categories/Family for anti-APOBEC3G antibody	Immunology; Microbiology
References	Kao, S., et al., J. Virol. 77(21):11398-11407 (2003). Stopak, K., et al., Mol. Cell 12(3):591-601 (2003). Mangeat, B., et al., Nature 424(6944):99-103 (2003). Zhang, H., et al., Nature 424(6944):94-98 (2003). Wedekind, J.E., et al., Trends Genet. 19(4):207-216 (2003).

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	46408
NCBI Official Full Name	DNA dC->dU-editing enzyme APOBEC-3G
NCBI Official Synonym Full Names	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/apobec3g-cem15-antibody-immunohistochemistry-western-blot-elisa/284739