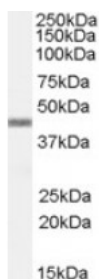




## APOBEC3G Antibody

CATALOG NUMBER: 46-731



Western blot analysis of APOBEC3G in Daudi lysate (35 ug protein in RIPA buffer) using APOBEC3G Antibody at 0.5 ug/mL.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:16,000. Western Blot: Approximately 45 kDa band observed in lysates of Daudi lysate (calculated MW of 46.4 kDa according to NP_068594.1). Recommended concentration: 0.5-1.5 ug/mL.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1224 - Daudi Cell Lysate
<b>IMMUNOGEN:</b>	APOBEC3G antibody was raised against a 12 amino acid synthetic peptide near the C-Terminus of APOBEC3G.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	APOBEC3G antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	APOBEC3G antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	APOBEC3G, apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3G, ARP9, CEM15, FLJ12740, MDS019, bK150C2.7, dJ494G10.1, DNA dC->dU editing enzyme, OTTHUMP00000028911, apolipoprotein B mRNA editing enzyme catalytic polypeptide-like 3G, phorbol-like protein MDS019, A3G, ARCD, ARP-9, CEM-15
<b>ACCESSION NO.:</b>	NP_068594.1
<b>PROTEIN GI NO.:</b>	13399304

OFFICIAL SYMBOL:	APOBEC3G
GENE ID:	60489

**Background**

REFERENCES:	1) Derse D, Hill SA, Princler G, Lloyd P, Heidecker G. Resistance of human T cell leukemia virus type 1 to APOBEC3G restriction is mediated by elements in nucleocapsid. Proc Natl Acad Sci USA. 2007 Feb 13;.
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FOR RESEARCH USE ONLY

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