

Goat anti-APOBEC3G Antibody

Item Number	dAP-1619
Target Molecule	Principle Name: APOBEC3G; Official Symbol: APOBEC3G; All Names and Symbols: 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; phorbo; Accession Number (s): NP_068594.1; Human Gene ID(s): 60489; Non-Human GeneID(s):
Immunogen	DEHSQDLSGRLR, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx. 45kDa band observed in lysates of cell line Daudi (calculated MW of 46.4kDa according to NP_068594.1). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: Paraffin embedded Human Testis and Kidney. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): 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 U S A. 2007 Feb 13; [Epub ahead of print]. PMID: 17299050 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**