

## Goat anti-APOBEC3G / ARP9 Antibody

<b>Item Number</b>	dAP-3147
<b>Target Molecule</b>	Principle Name: APOBEC3G / ARP9; Official Symbol: APOBEC3G; All Names and Symbols: APOBEC3G; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3G ; HGNC:17357; ARP9; CEM15; FLJ12740; MDS019; OTTHUMP00000028911; bK150C2.7; dJ494G10.1 ; DNA dC->dU editing enzyme; phorbol-like protein MDS019; Accession Number (s): NP_068594.1; Human Gene ID(s): 60489; Non-Human GeneID(s):
<b>Immunogen</b>	SKWRKLHRDQE, is from internal region
<b>Applications</b>	Pep ELISA, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Kidney shows weak cytoplasm staining and stronger nuclear staining in a selection of glomerular cells. Also nuclear membrane staining elsewhere. Recommended concentration, 1-2µg/ml.
<b>Reference</b>	Reference(s): Chiu YL, Soros VB, Kreisberg JF, Stopak K, Yonemoto W, Greene WC. Cellular APOBEC-3G restricts HIV-1 infection in resting CD4(+) T cells. Nature. 2005 Apr 13; [Epub ahead of print] .PMID: 15829920 ; 15809227->

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**