

Goat anti-APOBEC3D (aa61-74) Antibody

Item Number	dAP-2373
Target Molecule	Principle Name: APOBEC3D (aa61-74); Official Symbol: APOBEC3D; All Names and Symbols: APOBEC-3D; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3D; APOBEC3DE; APOBEC3E; ARP6; DNA dC->dU-editing enzyme APOBEC-3D; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3E pseudogene; probable DNA dC->dU-editing enzy; Accession Number (s): NP_689639.2; Human Gene ID(s): 140564; Non-Human GeneID(s):
Immunogen	PKRQSNHRQEVYFR, is from internal region
Applications	Pep ELISA, WB 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 32000.
Western Blot	Western Blot: Approx 45kDa band observed in lysates of cell line A549 (calculated MW of 46.6kDa according to NP_689639.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Stenglein MD, Harris RS. APOBEC3B and APOBEC3F inhibit L1 retrotransposition by a DNA deamination-independent mechanism. J Biol Chem. 2006 Jun 23;281(25):16837-41..PMID: 16648136->

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**