

Goat anti-Phorbolin 1 / APOBEC3A Antibody

Item Number	dAP-1351
Target Molecule	Principle Name: Phorbolin 1 / APOBEC3A; Official Symbol: APOBEC3A ; All Names and Symbols: APOBEC3A; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3A; ARP3; PHRBN; bK150C2.1; phorbolin 1; Accession Number (s): NP_663745.1; Human Gene ID(s): 200315; Non-Human GeneID(s):
Immunogen	TSNFNNGIGRHKTY, is from internal region
Applications	Pep ELISA, 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 8000.
Western Blot	Western Blot: Preliminary experiments gave an approx 28kDa band in Human Spleen, Tonsil and Peripheral Blood Mononucleocyte lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band
IHC	Immunohistochemistry: In paraffin embedded Human Tonsil shows staining of distinct parts of the nucleus in lymphoid cells. Recommended concentration, 3-6µg/ml.
Reference	Reference(s): Goila-Gaur R, Khan MA, Miyagi E, Kao S, Strebel K. Targeting APOBEC3A to the viral nucleoprotein complex confers antiviral activity. Retrovirology. 2007 Aug 29;4:61..PMID: 17727729 ->

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**