

Goat anti-APOA4 Antibody

Item Number	dAP-1006
Target Molecule	Principle Name: APOA4; Official Symbol: APOA4; All Names and Symbols: APOA4; apolipoprotein A-IV ; MGC142154; MGC142156; Accession Number (s): NP_000473.2; Human Gene ID(s): 337; Non-Human GeneID(s):
Immunogen	KEKESQDKTSLP, is from internal region (near the C Terminus)
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 64000.
Western Blot	Western Blot: Approx 45kDa band observed in Human Duodenum lysates (calculated MW of 45.4kDa according to NP_000473.2). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Spaulding HL, Saijo F, Turnage RH, Alexander JS, Aw TY, Kalogeris TJ. Apolipoprotein A-IV attenuates oxidant-induced apoptosis in mitotic competent, undifferentiated cells by modulating intracellular glutathione redox balance. Am J Physiol Cell Physiol. 2006 Jan;290(1):C95-C103. Epub 2005 Aug 24.

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**