

Goat anti-APOD Antibody

Item Number	dAP-3018
Target Molecule	Principle Name: APOD; Official Symbol: APOD; All Names and Symbols: APOD; apolipoprotein D; apo-D; Accession Number (s): NP_001638.1; Human Gene ID(s): 347; Non-Human GeneID(s):
Immunogen	EIEKIPTTFENGRC, is from internal region
Applications	Pep ELISA, WB, EIA, 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 32000.
Western Blot	Western Blot: Approx 25kDa band observed in Human Liver and Kidney lysates (calculated MW of 21.3kDa according to NP_001638.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.3-1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows staining of the brush border of PCT. Recommended concentration, 5-10µg/ml.

Reference	Reference(s): Chen H, Li Y, Du J, Cao Y, Li X. Increased JNK1 activity contributes to the upregulation of ApoD in the apocrine secretory gland cells from axillary osmidrosis. Mol Cell Biochem. 2011 Aug;354(1-2):311-6..PMID: 21526344->
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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**