

Goat anti-APOL4 (C Terminus) Antibody

Item Number	dAP-1487
Target Molecule	Principle Name: APOL4 (C Terminus); Official Symbol: APOL4; All Names and Symbols: apolipoprotein L4; APOL4; apolipoprotein L, 4; APOL-IV; APOLIV; OTTHUOMP00000028937; apolipoprotein L-IV; Accession Number (s): NP_085146.2; NP_663693.1; Human Gene ID(s): 80832; Non-Human GenelD(s):
Immunogen	ENLNELTHIHQSLSK, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_085146.2 and NP_663693.1).
Applications	Pep ELISA, WB, 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. 37kDa band observed in Human Placenta lysates (calculated MW of 38.7kDa according to NP_085146.2). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. Two additional bands of unknown identity were also consiste
IHC	Immunohistochemistry: Paraffin embedded Human Skeletal Muscle. Recommended concentration: 5µg/ml.
Reference	Reference(s): Monajemi H, Fontijn RD, Pannekoek H, Horrevoets AJ. The apolipoprotein L gene cluster has emerged recently in evolution and is expressed in human vascular tissue. <i>Genomics</i> . 2002 Apr;79 (4):539-46. PMID: 11944986->

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**