

Goat anti-APOL1 Antibody

Item Number	dAP-1641
Target Molecule	Principle Name: APOL1; Official Symbol: APOL1; All Names and Symbols: APOL1; apolipoprotein L, 1; APO-L; APOL; APOL-I; OTTHUMP00000028705; apolipoprotein L-I; apolipoprotein L1; Accession Number (s): NP_003652.2; NP_663318.1; Human Gene ID(s): 8542; Non-Human GenID(s):
Immunogen	NNNYKILQADQE, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_003652.2; NP_663318.1).
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 16000.
Western Blot	Western Blot: Approx 45kDa band observed in Human Placenta lysates (calculated MW of 44kDa according to NP_003652.2 and of 45.9kDa according to NP_663318.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Pérez-Morga D, Vanhollebeke B, Paturiaux-Hanocq F, Nolan DP, Lins L, Homblé F, Vanhamme L, Tebabi P, Pays A, Poelvoorde P, Jacquet A, Brasseur R, Pays E. Apolipoprotein L-I promotes trypanosome lysis by forming pores in lysosomal membranes. <i>Science</i> . 2005 Jul 15;309(5733):469.

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 end users! This product is sold for **Research Use Only**