

## Goat anti-APOL4 (C Terminus) Antibody

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| <b>Item Number</b>     | dAP-1487  |
| <b>Target Molecule</b> | Principle Name: APOL4 (C Terminus); Official Symbol: APOL4; All Names and Symbols: apolipoprotein L4; APOL4; apolipoprotein L, 4; APOL-IV; APOLIV; OTTHUMP00000028937; apolipoprotein L-IV; Accession Number (s): NP_085146.2; NP_663693.1; Human Gene ID(s): 80832; Non-Human GeneID(s): |
| <b>Immunogen</b>       | ENLNELTHIHQSLK, is from C Terminus<br>This antibody is expected to recognize both reported isoforms (NP_085146.2 and NP_663693.1).  |
| <b>Applications</b>    | Pep ELISA, WB, IHC<br><br>Species Tested: Human   |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Supplied As</b>     | 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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.  |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 32000.  |
| <b>Western Blot</b>    | 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.<br>Two additional bands of unknown identity were also consist                              |
| <b>IHC</b>             | Immunohistochemistry: Paraffin embedded Human Skeletal Muscle. Recommended concentration: 5µg/ml.   |
| <b>Reference</b>       | 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. Genomics. 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**