

Goat anti-ABCD3, Biotinylated Antibody

Item Number	dAP-3384
Target Molecule	Principle Name: ABCD3, Biotinylated; Official Symbol: ABCD3; All Names and Symbols: ABCD3; ATP binding cassette subfamily D member 3; ABC43; CBASS5; PMP70; PXMP1; ZWS2; 70 kDa peroxisomal membrane protein; ATP-binding cassette, sub-family D (ALD), member 3; Peroxisomal membrane protein-1 (70kD); dJ824O18.1 (ATP-binding cassette, sub-famil); Accession Number (s): NP_002849.1; Human Gene ID(s): 5825; Non-Human GenelD(s): 19299 (mouse) 25270 (rat)
Immunogen	PDGREDQKRKGISD., is from internal region This antibody is expected to recognize one isoform (NP_002849.1) only.
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 16000.
Western Blot	Western Blot: Approx 70kDa band observed in Human Kidney lysates (calculated MW of 75.5kDa according to NP_002849.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Liu LX, Janvier K, Berteaux-Lecellier V, Cartier N, Benarous R, Aubourg P. Homo- and heterodimerization of peroxisomal ATP-binding cassette half-transporters. <i>The Journal of biological chemistry</i> 1999 Nov 274 (46): 32738-43.. PMID: 10551832->

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**