

Goat anti-ABCD3 Antibody

Item Number	dAP-1486
Target Molecule	Principle Name: ABCD3; Official Symbol: ABCD3; All Names and Symbols: ABCD3; ATP-binding cassette, sub-family D (ALD), member 3; ABC43; PMP70; PXMP1; ATP-binding cassette, sub-family D, member 3; Peroxisomal membrane protein-1 (70kD); dJ824O18.1 (ATP-binding cassette, sub-family D (ALD), member 3 (PMP70, PXMP1)); peroxisoma; Accession Number (s): NP_002849.1; Human Gene ID(s): 5825; Non-Human GeneID(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). Recommended concentration: 0.2-0.6 µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows vesicular staining in Sertoli cells. Recommended concentration: 2.5-3.8µg/ml.
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. J Biol Chem. 1999 Nov 12;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 ender users! This product is sold for **Research Use Only**