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Research Use Only. Not for diagnostic or therapeutic use.

EB08710-B - Goat Anti-ABCD3, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ABCD3, ATP binding cassette subfamily D member 3, ABC43, CBAS5, 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-family D (ALD), member 3 (PMP70, PXMP1)), peroxisomal membrane protein 1 (70kD, Zellweger syndrome)
Official Symbol: ABCD3
Accession Number(s): NP_002849.1
Human GenelD(s): 5825
Non-Human GenelD(s): 19299 (mouse), 25270 (rat)
Important Comments: This antibody is expected to recognize one isoform (NP_002849.1) only.

Immunogen

Peptide with sequence C-PDGREDQKRKGISD., from the internal region of the protein sequence according to NP_002849.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

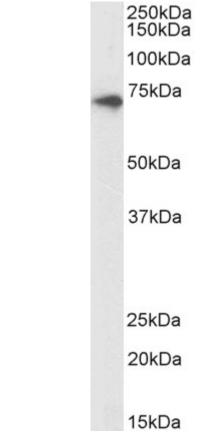
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

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.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Mouse, Rat



Biotinylated EB08710 (1µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.