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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 GeneID(s): [5825](#)

Non-Human GeneID(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.