

## **UK Office**

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# 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.

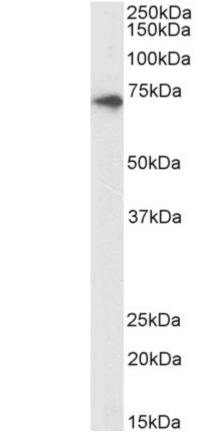
# **Applications Tested**

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.