

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08710 - Goat Anti-ABCD3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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)), 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). Recommended concentration: 0.2-0.6 µg/ml. Primary incubation was 1 hour.

**IHC:** In paraffin embedded Human Testis shows vesicular staining in Sertoli cells. Recommended concentration: 2.5-3.8µg/ml.

### Species Reactivity

**Tested:** Human

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

EB08710 (0.2µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB08710 (3.8µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.