



## UK Office

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

## EB08708 - Goat Anti-ABCD1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ABCD1, ATP-binding cassette, sub-family D (ALD), member 1, ABC42, ALD, ALDP, AMN, adrenoleukodystrophy protein

**Official Symbol:** ABCD1

**Accession Number(s):** NP\_000024.2

**Human GeneID(s):** [215](#)

### Immunogen

Peptide with sequence C-EDMQRKGYSEQD, from the internal region of the protein sequence according to NP\_000024.2.

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

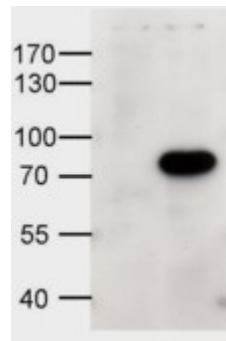
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Preliminary experiments gave an approx. 50kDa band in Human Brain (Cerebellum) lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 82.9kDa according to NP\_000024.2. The 50kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



HEK293 overexpressing human ABCD1 and probed with EB08708 at 1ug/ml (mock transfection in first lane).