



## UK Office

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

## EB08611 - Goat Anti-ABCA12 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ABCA12, ATP-binding cassette, sub-family A (ABC1), member 12, DKFZp434G232, FLJ41584, ICR2B, LI2, ATP-binding cassette, sub-family A, member 12

**Official Symbol:** ABCA12

**Accession Number(s):** NP\_775099.2; NP\_056472.2

**Human GeneID(s):** [26154](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_775099.2; NP\_056472.2).

### Immunogen

Peptide with sequence C-KDQKSYETADTSSQ, from the internal region (near C terminus) of the protein sequence according to NP\_775099.2; NP\_056472.2.

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 1:1000.

**Western blot:** Preliminary experiments gave an approx 35kDa band in Human Placenta, Skin and Testis 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 193kDa according to NP\_775099.2 and of 257kDa according to NP\_056472.2. The 35kDa 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:**

**Expected from sequence similarity:** Human, Dog