



## UK Office

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

## EB08618 - Goat Anti-ABCA8 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ABCA8, ATP-binding cassette, sub-family A (ABC1), member 8, KIAA0822, MGC163152, ATP-binding cassette, sub-family A member 8

**Official Symbol:** ABCA8

**Accession Number(s):** NP\_009099.1

**Human GeneID(s):** [10351](#)

**Important Comments:** This antibody is expected to cross-react with the highly similar Human ABCA9, since the immunizing peptide differs from ABCA9 with only one residue (F8).

### Immunogen

Peptide with sequence C-KEQELGDFEEDFD, from the C Terminus of the protein sequence according to NP\_009099.1.

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 1:4000.

**Western blot:** Preliminary experiments gave an approx. 50-55kDa band in Human Brain (Cerebellum, Cerebral Cortex, Frontal Cortex), Heart, Skeletal Muscle and Testis lysates after 0.3µg/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 179kDa according to NP\_009099.1. The 50-55kDa 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