



## UK Office

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

## EB08741 - Goat Anti-ABCG4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ABCG4, ATP-binding cassette, sub-family G (WHITE), member 4, WHITE2, ATP-binding cassette, subfamily G, member 4, putative ABC transporter

**Official Symbol:** ABCG4

**Accession Number(s):** NP\_071452.2

**Human GeneID(s):** [64137](#)

**Non-Human GeneID(s):** 192663 (mouse), 300664 (rat)

### Immunogen

Peptide with sequence C-YLVLRVYRKSER, from the C Terminus of the protein sequence according to NP\_071452.2.

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 1:8000.

**Western blot:** Preliminary experiments in Human Brain (Cerebellum, Frontal Cortex, Hippocampus) and in Mouse Eye and Rat Retina lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

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