



## UK Office

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

## EB08740 - Goat Anti-ABCG1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ABCG1, ATP-binding cassette, sub-family G (WHITE), member 1, ABC8, MGC34313, WHITE1, ABC transporter 8, ATP-binding cassette sub-family G member 1, ATP-binding cassette transporter 8, ATP-binding cassette transporter member 1 of subfamily G, homolog of Drosophila white, white protein homolog (ATP-binding cassette transporter 8)

**Official Symbol:** ABCG1

**Accession Number(s):** NP\_058198.2; NP\_997057.1; NP\_004906.3; NP\_997510.1; NP\_997511.1; NP\_997512.1

**Human GeneID(s):** [9619](#)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_058198.2; NP\_997057.1; NP\_004906.3; NP\_997510.1; NP\_997511.1; NP\_997512.1).

### Immunogen

Peptide with sequence C-YFVLRKYKIRAER, from the C Terminus of the protein sequence according to NP\_058198.2; NP\_997057.1; NP\_004906.3; NP\_997510.1; NP\_997511.1; NP\_997512.1.

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.

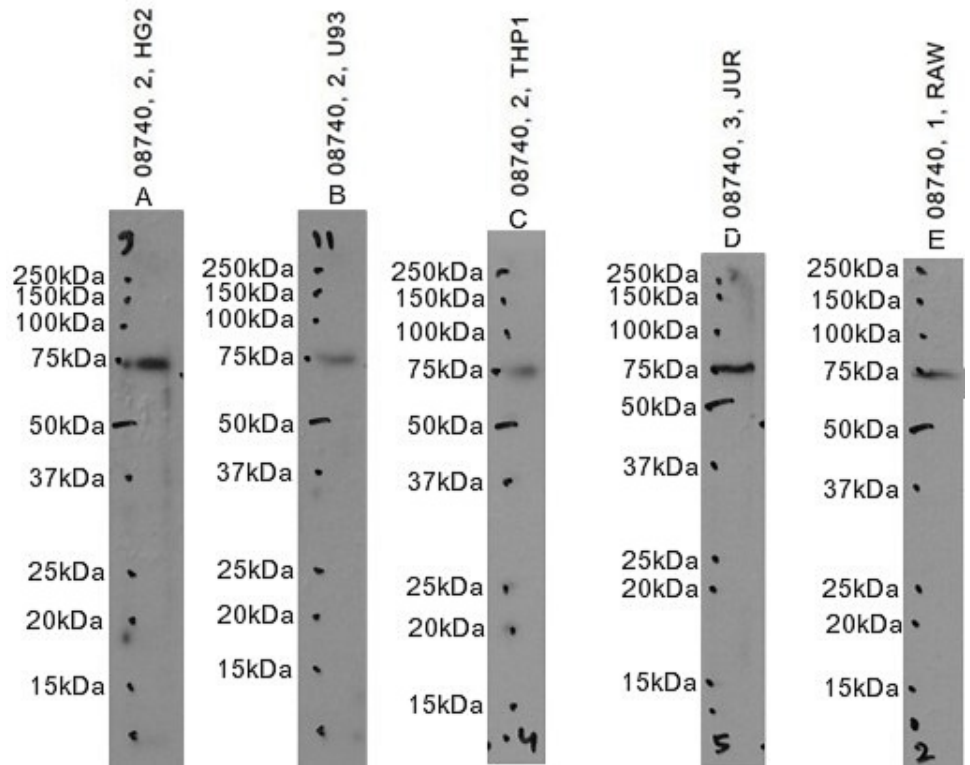
**Western blot:** Approx. 75kDa band observed in lysates of cell lines HepG2, U937, THP-1, Jurkat and RAW264.7 (calculated MW of 74.2kDa according to Human NP\_058198.2 and 74.1kDa according to Mouse NP\_033723.1). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

**IHC:** Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.

### Species Reactivity

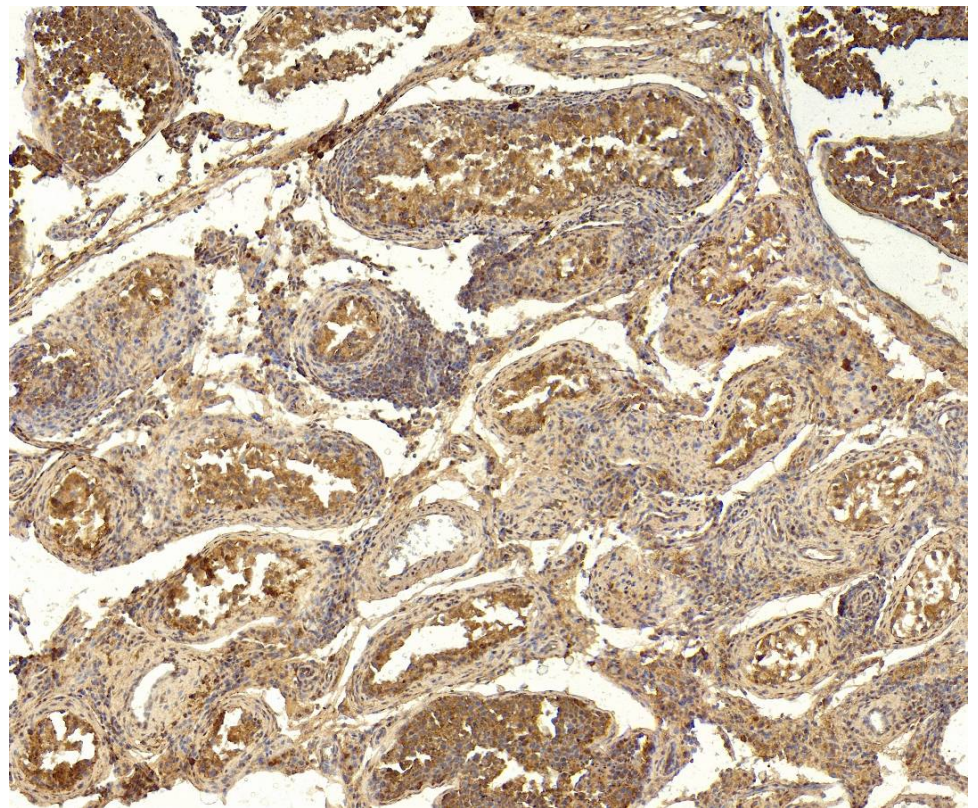
**Tested:** Human, Mouse

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

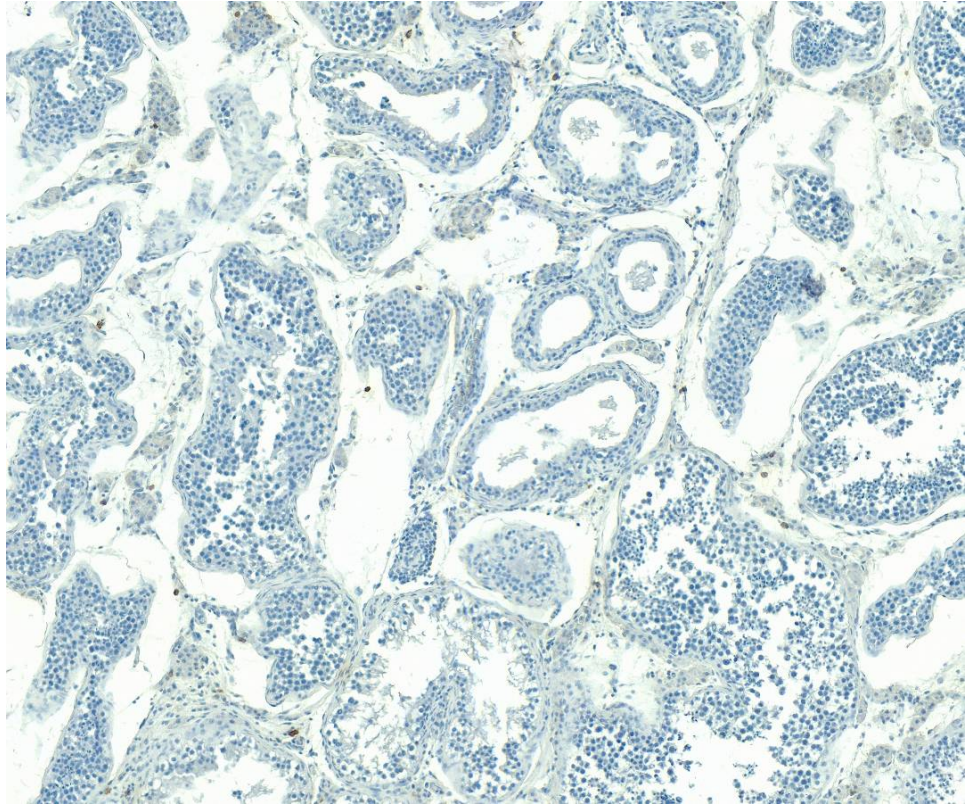


EB08740 optimised QC. Primary incubation 1 hour at room temperature.

Images A, B, C: HepG2, U937, THP1 cell lysate at primary Ab concentration 2ug/ml.  
 Images D, E: Jurkat, RAW264.7 cell lysate at primary Ab concentration 1ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.



EB08740 (5µg/ml) staining of paraffin embedded Human Testis. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB08740 Negative Control showing staining of paraffin embedded Human Testis, with no primary antibody.