

## UK Office

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

## EB11306 - Goat Anti-ABCC9 / SUR2 Antibody

Size: 100µg specific antibody in 200µl

### Target Protein

**Principal Names:** ABC37, ATP-binding cassette sub-family C member 9, ATP-binding cassette transporter sub-family C member 9, ATP-binding cassette, sub-family C (CFTR/MRP), member 9, CMD1O, FLJ36852, sulfonyleurea receptor 2, sulfonyleurea receptor 2A, SUR2, ABCC9

**Official Symbol:** ABCC9

**Accession Number(s):** NP\_005682.2; NP\_064693.2

**Human GeneID(s):** [10060](#)

**Important Comments:** This antibody is expected to recognize isoforms SUR2A (NP\_005682.2) and SUR2B (NP\_064693.2).

### Immunogen

Peptide with sequence C-TSEYSINNTGKAD, from the internal region of the protein sequence according to NP\_005682.2; NP\_064693.2.

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 90kDa band in Human Testis lysates and 100kDa in Rat Testis lysates after 0.1µg/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 170kDa according to NP\_005682.2. The 90kDa 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, Cow