



International Office

Everest Biotech Ltd

Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

**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; NP_001364203.1

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

Important Comments: This antibody is expected to recognize isoforms SUR2A (NP_005682.2), SUR2B (NP_064693.2). And SUR2C (NP_001364203.1).

Immunogen

Peptide with sequence C-TSEYSINNTGKAD, from the internal region of the protein sequence according to NP_005682.2; NP_064693.2; NP_001364203.1.

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 1:32000.

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