

UK Office

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106 Ramona, CA 92065 USA

Inquiries: info@everestbiotech.com Sales: usasales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB08736 - Goat Anti-SUR1 / ABCC8 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ABCC8, SUR1, ATP-binding cassette, sub-family C (CFTR/MRP), member 8, ABC36, HHF1, HI, HRINS, MRP8, PHHI, SUR, TNDM2, ATP-binding cassette, sub-family C, member 8, sulfonylurea receptor (hyperinsulinemia) Official Symbol: ABCC8 Accession Number(s): NP_000343.2 Human GeneID(s): 6833 Non-Human GeneID(s): 20927 (mouse), 25559 (rat)

Immunogen

Peptide with sequence C-EFDKPEKLLSRKD, from the C Terminus of the protein sequence according to NP_000343.2.

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: Approx 170kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 177kDa according to NP_000343.2). Recommended concentration: 0.5-1.5µg/ml. An additional band of unknown identity was also consistently observed at 23kDa. This band was successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested: Human Expected from sequence similarity: Human; Mouse, Rat, Dog

250kDa 150kDa 100kDa 75kDa
50kDa
37kDa
25kDa 20kDa
15kDa

EB08736 (0.5µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.