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**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, sulfonyleurea 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

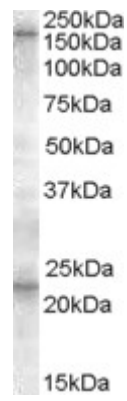
Peptide ELISA: antibody detection limit dilution 1:8000.

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.

Species Reactivity

Tested: Human

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



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