

ABCC8

Reactivity: Mouse

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 177kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human ABCC8

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HI; SUR; HHF1; MRP8; PHH1; SUR1; ABC36; HRINS; TNDM2; SUR1delta2;

Catalog #: A8456

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6833

Isotype: IgG

Swiss Prot: Q09428

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MRP subfamily which is involved in multi-drug resistance. This protein functions as a modulator of ATP-sensitive potassium channels and insulin release. Mutations and deficiencies in this protein have been observed in patients with hyperinsulinemic hypoglycemia of infancy, an autosomal recessive disorder of unregulated and high insulin secretion. Mutations have also been associated with non-insulin-dependent diabetes mellitus type II, an autosomal dominant disease of defective insulin secretion. Alternatively spliced transcript variants have been found for this gene.

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