

# ABCC8 Rabbit Polyclonal Antibody



CAB8456

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

177kDa

### Calculated MW:

5kDa/176kDa/177kDa

### Applications:

WB

### Reactivity:

Mouse

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

6833

### Uniprot

Q09428

### Synonyms:

ABCC8; ABC36; HHF1; HI; HRINS; MRP8; PHHI; SUR; SUR1; SUR1delta2; TNDM2

### Immunogen:

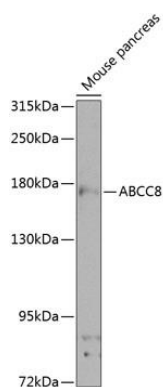
Recombinant fusion protein containing a sequence corresponding to amino acids 700-1000 of human ABCC8 (NP\_000343.2).

### Storage:

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

## Product Images

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Western blot analysis of extracts of mouse pancreas, using ABCC8 antibody (CAB8456) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.