

# ABCC8 Polyclonal Antibody

Cat No: HR1AP10541

For research use only

## Overview

Product Name	ABCC8 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	H,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	173kDa
GeneID?Human?	ABCC8 HRINS SUR SUR1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>ATP binding cassette subfamily C member 8(ABCC8) Homo sapiens 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</p>