Datasheet for ABIN334499

anti-ABCC8 antibody (C-Term)

1 Image

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Overview

Quantity:	100 µg
Target:	ABCC8
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ABCC8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	SUR1 / ABCC8
Immunogen:	Peptide with sequence C-EFDKPEKLLSRKD, from the C Terminus of the protein sequence according to NP_000343.2.
Sequence:	EFDKPEKLLS RKD
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ABCC8
Alternative Name:	ABCC8 (ABCC8 Products)
Background:	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)
Gene ID:	6833, 20927, 25559
NCBI Accession:	NP_000343
Pathways:	Negative Regulation of Hormone Secretion

Application Details

Application Notes:	Western Blot: Approx 170 kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 177 kDa according to NP_000343.2). Recommended concentration: 0.5-1.5 µg/mL. An additional band of unknown identity was also consistently observed at 23 kDa. Thi Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Image 1. ABIN334499 (0.5µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.