Datasheet for ABIN302143

anti-ABCA8 antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	ABCA8
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ABCA8 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	ABCA8
Immunogen:	Peptide with sequence C-KEQELGDFEEDFD, from the C Terminus of the protein sequence according to NP_009099.1.
Sequence:	KEQELGDFEE DFD
Isotype:	IgG
Specificity:	This antibody is expected to cross-react with the highly similar Human ABCA9, since the immunizing peptide differs from ABCA9 with only one residue (F8).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade:	Recent

Target Details

Target:	ABCA8
Alternative Name:	ABCA8 (ABCA8 Products)
Background:	ABCA8, ATP-binding cassette, sub-family A (ABC1), member 8, KIAA0822, MGC163152, ATP-binding cassette, sub-family A member 8
Gene ID:	10351
NCBI Accession:	NP_009099

Application Details

Application Notes:	Western Blot: Preliminary experiments gave an approx. 50-55 kDa band in Human Brain (Cerebellum, Cerebral Cortex, Frontal Cortex), Heart, Skeletal Muscle and Testis lysates after 0.3 µg/mL antibody staining. Please note that currently we cannot find an exp Peptide ELISA: antibody detection limit dilution 1:4000.
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.