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Datasheet for ABIN335111 **anti-ABCG4 antibody (C-Term)**

Overview

Quantity:	100 µg
Target:	ABCG4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ABCG4 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	ABCG4
Immunogen:	Peptide with sequence C-YLVLYRYRVKSER, from the C Terminus of the protein sequence according to NP_071452.2.
Sequence:	YLVLYRYRVKS ER
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:	Recent

Target Details

Target:	ABCG4
Alternative Name:	ABCG4 (ABCG4 Products)
Background:	ABCG4, ATP-binding cassette, sub-family G (WHITE), member 4, WHITE2, ATP-binding cassette, subfamily G, member 4, putative ABC transporter
Gene ID:	64137, 192663, 300664
NCBI Accession:	NP_071452

Application Details

Application Notes:	Western Blot: Preliminary experiments in Human Brain (Cerebellum, Frontal Cortex, Hippocampus) and in Mouse Eye and Rat Retina lysates gave no specific signal but low background (at antibody concentration up to 1 µg/mL). We would appreciate any feedback f 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.