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Datasheet for ABIN7441073

anti-ABCA4 antibody (AA 1398-1727)

2 Images

Overview

Quantity:	100 µL
Target:	ABCA4
Binding Specificity:	AA 1398-1727
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCA4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Polyclonal Antibody to ATP Binding Cassette Transporter A4 (ABCA4)
Immunogen:	Recombinant ATP Binding Cassette Transporter A4 (ABCA4) corresponding to Gly1398~Asn1727
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ABCA4. It has been selected for its ability to recognize ABCA4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	ABCA4
Alternative Name:	ATP Binding Cassette Transporter A4 (ABCA4 Products)
Background:	ABC-A4, ABC10, ABCR, ARMD2, CORD3, FFM, RMP, RP19, STGD, STGD1, Stargardt disease protein, Retinal-specific ATP-binding cassette transporter, RIM ABC transporter

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

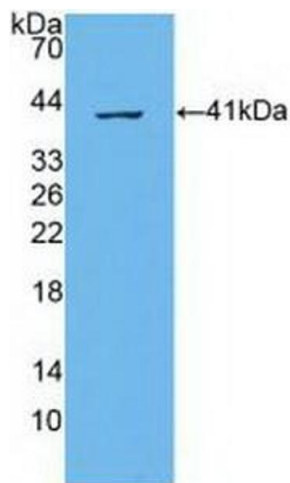
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of ABCA4 in Rat Skin lysate using Polyclonal Antibody to ATP Binding Cassette Transporter A4 (ABCA4)



Western Blotting

Image 2. Detection of Recombinant ABCA4, Human using Polyclonal Antibody to ATP Binding Cassette Transporter A4 (ABCA4)