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Datasheet for ABIN7433387 anti-ABCG1 antibody (AA 79-312)

3 Images



Overview

Quantity:	100 µL
Target:	ABCG1
Binding Specificity:	AA 79-312
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCG1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

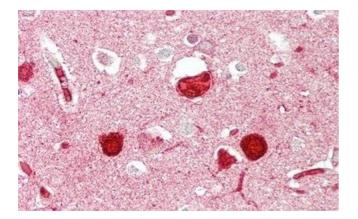
Product Details

Purpose:	Polyclonal Antibody to ATP Binding Cassette Transporter G1 (ABCG1)
Immunogen:	Recombinant ATP Binding Cassette Transporter G1 (ABCG1) corresdonding to Phe79~Gly312 with N-terminal His Tag
Isotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ABCG1. It has been selected for its ability to recognize ABCG1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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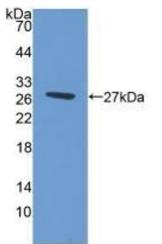
Target Details	
Target:	ABCG1
Alternative Name:	ATP Binding Cassette Transporter G1 (ABCG1 Products)
Background:	ABC-G1, ABC8, WHITE1, WHT1, ATP-Binding Cassette Transporter 8, White protein homolog
Pathways:	Lipid Metabolism
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 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

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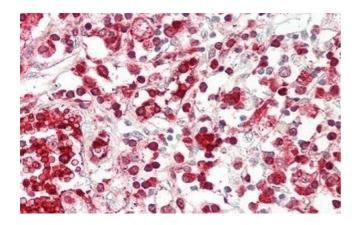
Immunohistochemistry

Image 1. Detection of ABCG1 in Human Cerebrum Tissue using Polyclonal Antibody to ATP Binding Cassette Transporter G1 (ABCG1)



Western Blotting

Image 2. Detection of Recombinant ABCG1, Human using Polyclonal Antibody to ATP Binding Cassette Transporter G1 (ABCG1)



Immunohistochemistry

Image 3. Detection of ABCG1 in Human Thymus Tissue using Polyclonal Antibody to ATP Binding Cassette Transporter G1 (ABCG1)

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