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Datasheet for ABIN7432946

anti-ABCG2 antibody (AA 63-349)

2 Images

Overview

Quantity:	100 µL
Target:	ABCG2
Binding Specificity:	AA 63-349
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to ATP Binding Cassette Transporter G2 (ABCG2)
Immunogen:	Recombinant ATP Binding Cassette Transporter G2 (ABCG2) corresponding to Leu63~Leu349 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ABCG2. It has been selected for its ability to recognize ABCG2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	ABCG2
Alternative Name:	ATP Binding Cassette Transporter G2 (ABCG2 Products)
Background:	CDw338, CD338, ABC-G2, MRX, BCRP1, ABC15, ABCP, BCRP, BMDP, MXR, MXR1, Mitoxantrone resistance-associated protein, Breast Cancer Resistance Protein 1, Urate exporter
Pathways:	Transition Metal Ion Homeostasis

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

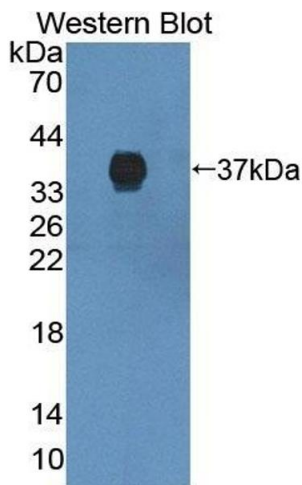
Handling

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 ABCG2 in Mouse Liver lysate using Polyclonal Antibody to ATP Binding Cassette Transporter G2 (ABCG2)



Western Blotting

Image 2. Detection of Recombinant ABCG2, Mouse using Polyclonal Antibody to ATP Binding Cassette Transporter G2 (ABCG2)