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Datasheet for ABIN6266184

anti-ABCC5 antibody (N-Term)

3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	ABCC5
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCC5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human ABCC5, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	ABCC5 Antibody detects endogenous levels of total ABCC5.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	ABCC5
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Target Details

Alternative Name:	ABCC5 (ABCC5 Products)
Background:	Description: Acts as a multispecific organic anion pump which can transport nucleotide analogs. Gene: ABCC5
Molecular Weight:	161kDa
Gene ID:	10057
UniProt:	O15440
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

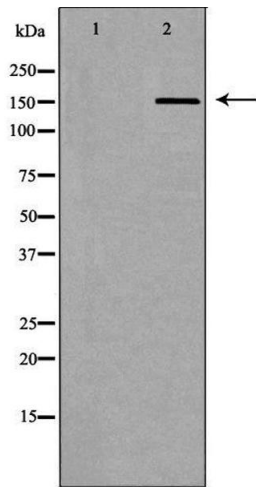
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

Publications

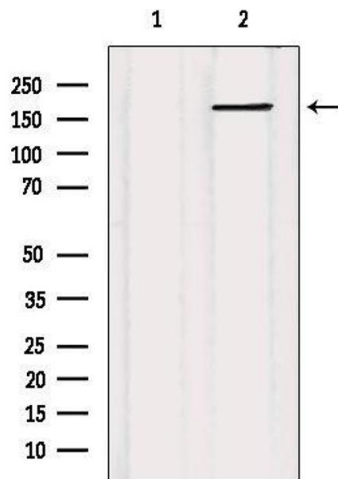
Product cited in:	Mousa, Soliman, Alhumaydhi, Almatroudi, Al Rugaie, Allemailem, Alrumaihi, Khan, Rezk, Aljasir, Alwashmi, Aba Alkhayl, Albutti, Seleem: "Garlic Extract Alleviates Trastuzumab-Induced Hepatotoxicity in Rats Through Its Antioxidant, Anti-Inflammatory, and Antihyperlipidemic Effects." in: Journal of inflammation research , Vol. 14, pp. 6305-6316, (2021) (PubMed).
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Images



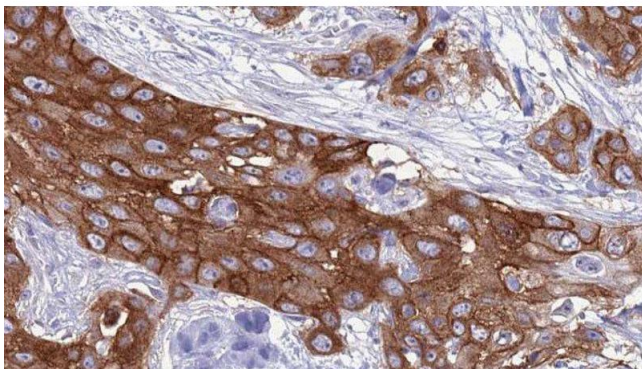
Western Blotting

Image 1. Western blot analysis of extracts of Mouse heart tissue lysate, using ABCC5 antibody. The lane on the left is treated with the antigen-specific peptide.



Western Blotting

Image 2. Western blot analysis of extracts from HUVEC, using ABCC5 Antibody. Lane 1 was treated with the blocking peptide.



Immunohistochemistry

Image 3. ABIN6277405 at 1/100 staining Human Head and neck cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary