Datasheet for ABIN7073149

anti-ABCC6 antibody

1 Image

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Overview

Quantity:	100 µL
Target:	ABCC6
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCC6 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse MRP6/ARA
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	ABCC6
Alternative Name:	MRP6/ARA (ABCC6 Products)
Background:	The ATP-binding cassette transporter 6 (ABCC6) gene, also named as MRP6, is a cellular transmembrane protein transporter and belongs to ATP-binding cassette (ABC) family. ABCC6 is an ATP-dependent transporter contains two ATP-binding domains. It is mainly found in the liver, the proximal tubules of the kidneys and the intestines. ABCC6 is involved in a pathway of extracellular nucleotide metabolism and the regulation of tissue calcification. Mutations of

Target Details

	ABCC6 leads to pseudoxanthoma elasticum (PXE) which is a rare autosomal recessive disorder. Mutations of ABCC6 can also lead generalized arterial calcification of infancy-2 (GACI2). 27848-1-AP detects two isoforms of ABCC6 protein around 165 kDa and 96 kDa in SDS-PAGE.
Gene ID:	27421
NCBI Accession:	NP_061265
UniProt:	Q9R1S7

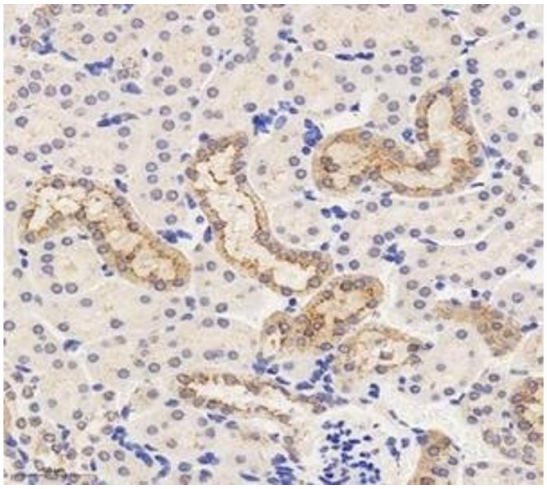
Application Details

Application Notes:	IHC/IF (M,R) 1:1000-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % sodium azide
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

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis of paraffin-embedded mouse kidney using,MRP6 (ABIN7073149) at dilution of 1: 2000