Datasheet for ABIN872553

anti-ORM1 antibody (AA 101-201)

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Overview

Quantity:	100 µL
Target:	ORM1
Binding Specificity:	AA 101-201
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORM1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Alpha 1 Acid Glycoprotein
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	ORM1
Alternative Name:	Alpha 1 Acid Glycoprotein (ORM1 Products)

Target Details

Background:	Synonyms: ORM, AGP1, AGP-A, HEL-S-153w, Alpha-1-acid glycoprotein 1, AGP 1, Orosomucoid-1, OMD 1, ORM1 Background: Functions as transport protein in the blood stream. Binds various ligands in the interior of its beta-barrel domain. Also binds synthetic drugs and influences their distribution and availability in the body. Appears to function in modulating the activity of the immune system during the acute-phase reaction.
Gene ID:	5004
UniProt:	P02763
Pathways:	Response to Growth Hormone Stimulus

Application Details

Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

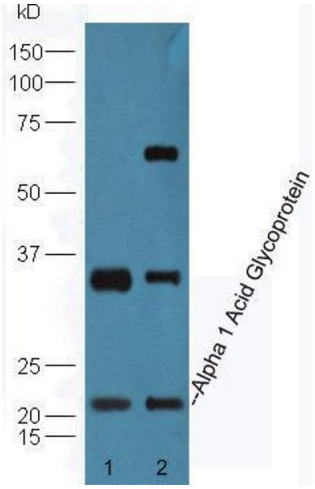
Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Wang, Kuo, Yen, Chu, Wu, Huang, Chen: "Proteome Demonstration of Alpha-1-Acid Glycoprotein and Alpha-1-Antichymotrypsin are Candidate Biomarkers for Diagnosis of Enterovirus 71 Infection." in: **The Pediatric infectious disease journal**, (2014) (PubMed).

Images



Western Blotting

Image 1. Lane 1: Human HepG2 cell lysates Lane 2: Mouse lung lysates probed with Anti-Alpha 1 Acid Glycoprotein Polyclonal Antibody, Unconjugated at 1:5000 90min in 37˚C.