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Datasheet for ABIN6989420
anti-SLC47A1 antibody (AA 211-310)

Overview

Quantity:	100 µL
Target:	SLC47A1
Binding Specificity:	AA 211-310
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC47A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (IF)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SLC47A1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	SLC47A1
Alternative Name:	SLC47A1 (SLC47A1 Products)

Target Details

Background:	<p>Synonyms: 1A1, AIM 1, AIM1, MATP, Melanoma antigen AIM1, Membrane associated transporter, Membrane associated transporter protein, Membrane-associated transporter protein, Protein AIM 1, Protein AIM-1, Protein AIM1, S45A2_HUMAN, SHEP5, SLC45A2, Solute carrier family 45 member 2, Underwhite.</p> <p>Background: Solute transporter for tetraethylammonium (TEA), 1-methyl-4-phenylpyridinium (MPP), cimetidine, N-methylnicotinamide (NMN), metformin, creatinine, guanidine, procainamide, topotecan, estrone sulfate, acyclovir, ganciclovir and also the zwitterionic cephalosporin, cephalexin and cephradine. Seems to also play a role in the uptake of oxaliplatin (a new platinum anticancer agent). Able to transport paraquat (PQ or N,N-dimethyl-4-4'-bipyridinium), a widely used herbicide. Responsible for the secretion of cationic drugs across the brush border membranes.</p>
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Gene ID:	55244
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UniProt:	Q96FL8
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Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(ICC) 1:50-200 IF()
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Restrictions:	For Research Use only
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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.

Handling

Expiry Date: 12 months