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Datasheet for ABIN6980553

anti-SLC47A1 antibody (AA 211-310) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	SLC47A1
Binding Specificity:	AA 211-310
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC47A1 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc))

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)
Background:	Synonyms: 1A1, AIM 1, AIM1, MATP, Melanoma antigen AIM1, Membrane associated transporter, Membrane associated transporter protein, Membrane-associated transporter

Target Details

protein, Protein AIM 1, Protein AIM-1, Protein AIM1, S45A2_HUMAN, SHEP5, SLC45A2, Solute carrier family 45 member 2, Underwhite.

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.

Gene ID: 55244

UniProt: [Q96FL8](#)

Application Details

Application Notes: IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months