

Rabbit anti-Human, Rat SLC47A1 Polyclonal Antibody | anti-SLC47A1 antibody

SLC47A1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268641	Rabbit	Human, Rat	Western Blot

PRODUCT SYNONYMS

SLC47A1; Polyclonal Antibody; SLC47A1 Rabbit pAb; MATE1; anti-SLC47A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Affinity Purified
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	570
Applicable Applications for anti-SLC47A1 antibody	WB (Western Blot)
Conjugation	Unconjugated
Modification	Unmodification
Subcellular location	Cell membrane, Membrane
Gene fullname	solute carrier family 47 member 1
Gene summary	This gene is located within the Smith-Magenis syndrome region on chromosome 17. It encodes a protein of unknown function. [provided by RefSeq, Jul 2008]
Immunogen	Recombinant protein of human SLC47A1 (NP_060712.2).Clonality Polyclonal antibody
Antigen name	Multidrug and toxin extrusion protein 1
Function	Solute transporter for tetraethylammonium (TEA), 1-methyl-4-phenylpyridinium (MPP), cimetidine, Nmethylnicotinamide(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'-bipyridinium); a widely used herbicide. Responsible for the secretion of cationic drugs across the brush border membranes.
Sensitivity	Expressed in adrenal gland, and to a lower extent in liver, skeletal muscle and kidney (especially found in luminal membranes of the urinary tubules, bile caniculi and brush border membranes).
Source	Human
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western blot - SLC47A1 Polyclonal Antibody. Western blot analysis of extracts of rat liver, using SLC47A1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 30s.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22907060
NCBI GeneID	55244
NCBI Accession #	NP_060712.2
NCBI GenBank Nucleotide #	NP_060712.2
UniProt Accession #	Q96FL8
Molecular Weight	Calculated MW: 31kDa/61kDa/63kDa Observed MW: 62kDa
NCBI Official Full Name	multidrug and toxin extrusion protein 1
NCBI Official Synonym Full Names	solute carrier family 47 member 1
NCBI Official Symbol	SLC47A1
NCBI Official Synonym Symbols	MATE1
NCBI Protein Information	multidrug and toxin extrusion protein 1
UniProt Protein Name	Multidrug and toxin extrusion protein 1
UniProt Gene Name	SLC47A1
UniProt Synonym Gene Names	MATE1; MATE-1; hMATE-1
UniProt Entry Name	S47A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc47a1-antibody-western-blot-elisa/268641>