



S47A1 rabbit pAb

Catalog No	BYab-08071
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	SLC47A1 MATE1
Protein Name	S47A1
Immunogen	Synthesized peptide derived from human S47A1 AA range: 158-208
Specificity	This antibody detects endogenous levels of S47A1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.186% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Multidrug and toxin extrusion protein 1 (MATE-1) (hMATE-1) (Solute carrier family 47 member 1)
Observed Band	65kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Predominantly localized at the plasma membrane but also found in intracellular organelles.
Tissue Specificity	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).
Function	function: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.,similarity:Belongs to the multi antimicrobial extrusion (MATE) (TC 2.A.66.1) family.,subcellular location:Predominantly localized at the plasma

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Background

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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

