Best Tools for immunology Research

S23A1 rabbit pAb

Catalog No :	YT6323
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	S23A1
Fields :	>>Vitamin digestion and absorption
Gene Name :	SLC23A1 SVCT1 YSPL3
Protein Name :	S23A1
Human Gene Id :	9963
Human Swiss Prot No :	Q9UHI7
Mouse Gene Id :	20522
Mouse Swiss Prot No :	Q9Z2J0
Rat Gene Id :	50621
Rat Swiss Prot No :	Q9WTW7
Immunogen :	Synthesized peptide derived from human S23A1 AA range: 237-287
Specificity :	This antibody detects endogenous levels of S23A1 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1□500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 66kD

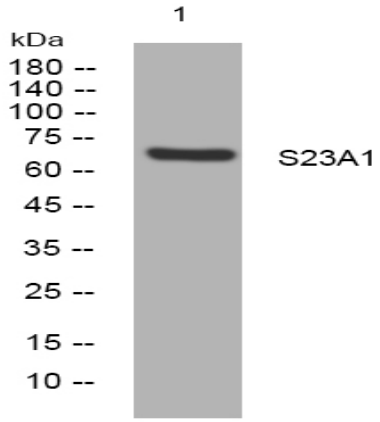
Background : The absorption of vitamin C into the body and its distribution to organs requires two sodium-dependent vitamin C transporters. This gene encodes one of the two transporters. The encoded protein is active in bulk vitamin C transport involving epithelial surfaces. Previously, this gene had an official symbol of SLC23A2. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008],

Function : alternative products:Experimental confirmation may be lacking for some isoforms,function:Sodium/ascorbate cotransporter. Mediates electrogenic uptake of vitamin C, with a stoichiometry of 2 Na(+) for each ascorbate.,miscellaneous:Treatment with the protein kinase C stimulator PMA results in a 10-fold decrease in ascorbate accumulation in transfected cells.,PTM:Phosphorylated.,similarity:Belongs to the xanthine/uracil permease family. SLC23A subfamily.,tissue specificity:Highly expressed in adult small intestine, kidney, thymus, ovary, colon, prostate and liver, and in fetal kidney, liver and thymus.,

Subcellular Location : Cell membrane ; Multi-pass membrane protein .

Expression : Highly expressed in adult small intestine, kidney, thymus, ovary, colon, prostate and liver, and in fetal kidney, liver and thymus.

Products Images



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4°over night