

**S23A1 rabbit pAb**

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

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chromatography using epitope-specific immunogen.

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**Concentration :** 1 mg/ml

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

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**Molecularweight :** 66kD

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**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],

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**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.,

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

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

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**Sort :** 14717

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**No4 :** 1

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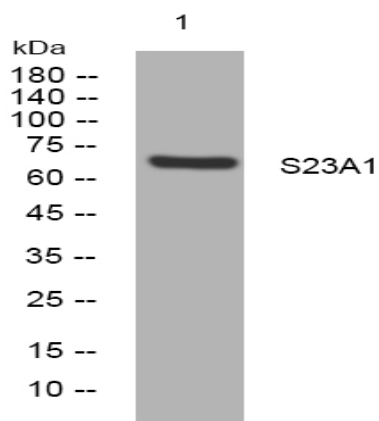
**Host :** Rabbit

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**Modifications :** Unmodified

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**Products Images**



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