



SLC3A1 mouse mAb

Catalog No	YP-mAb-17786
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SLC3A1 RBAT
Immunogen	Synthesized peptide derived from human SLC3A1
Specificity	This antibody detects endogenous levels of SLC3A1 at Human,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NBAT;D2H;CSNU1;b(0,+)-type amino acid transporter-related heavy chain; ATR1;SLC3A1;SLC3A1 RBAT;Neutral and basic amino acid transport protein rBAT (NBAT) (B(0,+)-type amino acid transport protein) (D2h)
Observed Band	78-90 kDa
Calculated Molecular Weight	685 aa, 79 kDa
Cell Pathway	Membrane ; Single-pass type II membrane protein .
Tissue Specificity	Expressed in the brush border membrane in the kidney (at protein level). Predominantly expressed in the kidney, small intestine and pancreas. Weakly expressed in liver.
Function	Involved in the high-affinity, sodium-independent transport of cystine and neutral and dibasic amino acids (system B(0,+)-like activity). May function as an activator of SLC7A9 and be involved in the high-affinity reabsorption of cystine in the kidney tubule.
Background	
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