

SLC3A1 Rabbit pAb

CatalogNo: YN6047

| Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat

Applications

- WB

MW

- 75kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage*

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

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

Synthesized peptide derived from human SLC3A1

Specificity

This antibody detects endogenous levels of SLC3A1 at Human,Rat

| Target Information

Gene name

SLC3A1 RBAT

Protein Name	Neutral and basic amino acid transport protein rBAT (NBAT) (B(0,+)-type amino acid transport protein) (D2h)		
	Organism	Gene ID	UniProt ID
	Human	6519;	Q07837;
	Rat	29484;	Q64319;
Cellular Localization	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.		

| Validation Data

| Contact information

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