

S28A1 Rabbit pAb

CatalogNo: YN1342

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 71kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

| 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 part region of human protein

Specificity S28A1 Polyclonal Antibody detects endogenous levels of protein.

| Target Information

Gene name SLC28A1 CNT1

Protein Name	Sodium/nucleoside cotransporter 1 (Concentrative nucleoside transporter 1) (CNT 1) (hCNT1) (Na(+)/nucleoside cotransporter 1) (Sodium-coupled nucleoside transporter 1) (Solute carrier family 28 member 1)		
	Organism	Gene ID	UniProt ID
	Human	9154;	Q00337;
	Rat		Q62674;
Cellular Localization	Cell membrane ; Multi-pass membrane protein .		
Tissue specificity	Expressed in kidney.		
Function	Function:Sodium-dependent and pyrimidine-selective. Exhibits the transport characteristics of the nucleoside transport system cit or N2 subtype (N2/cit) (selective for pyrimidine nucleosides and adenosine). It also transports the antiviral pyrimidine nucleoside analogs 3'-azido-3'-deoxythymidine (AZT) and 2',3'-dideoxycytidine (ddC). It may be involved in the intestinal absorption and renal handling of pyrimidine nucleoside analogs used to treat acquired immunodeficiency syndrome (AIDS). It has the following selective inhibition: adenosine, thymidine, cytidine, uridine >> guanosine, inosine.,polymorphism:Three variant forms of isoform 1 (A, B and C) are expressed in the kidney. All three variant forms have similar nucleoside transport activity.,similarity:Belongs to the concentrative nucleoside transporter (CNT) (TC 2.A.41) family.,tissue specificity:Expressed in kidney.,		

| Validation Data

| Contact information

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: <http://www.immunoway.com>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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