



S28A1 rabbit pAb

Cat No.:ES10288

For research use only

Overview

Product Name	S28A1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	S28A1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
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
Gene Name	SLC28A1 CNT1
Cellular localization	Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	71kD
Human Gene ID	9154
Human Swiss-Prot Number	O00337
Alternative Names	
Background	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





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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.,



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