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Anti-SLC28A2 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17425

Product Information

Application	WB, IHC-P
Primary Accession	O43868
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	71926
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	9153
Alias Symbol	SLC28A2
Other Names	SLC28A2, CNT2, CNT 2, HCNT2, HsT17153, SPNT, SPNT1
Target/Specificity	Recognizes endogenous levels of CNT2 protein.
Reconstitution & Storage	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles.
Precautions	Anti-SLC28A2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SLC28A2
Synonyms	CNT2
Function	Sodium-dependent and purine-selective transporter (PubMed: 10087507, PubMed:9435697). Exhibits the transport characteristics of the nucleoside transport system cif or N1 subtype (N1/cif) (selective for purine nucleosides and uridine) (PubMed:10087507, PubMed:21795683, PubMed:9435697). Plays a critical role in specific uptake and salvage of purine nucleosides in kidney and other tissues (PubMed:9435697). May contribute to regulate the transport of organic compounds in testes across the blood-testis- barrier (Probable).
Cellular Location	Membrane; Multi-pass membrane protein. Apicolateral cell membrane; Multi-pass membrane protein. Note=Localized to the apicolateral membranes of Sertoli cells and vascular endothelial cells in testis

Tissue Location	Expressed in heart and skeletal muscle followed by liver, kidney, intestine, pancreas, placenta and brain (PubMed:9435697). Weak expression in lung (PubMed:9435697). In testis, primarily localized to the apicolateral membranes of Sertoli cells and vascular endothelial cells, and weakly expressed in Leydig cells, peritubular myoid cells and germ cells (PubMed:35307651)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.