



CNT2 Monoclonal Antibody

Catalog No	YP-mAb-00686
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SLC28A2
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC28A2. AA range:371-420
Specificity	CNT2 Monoclonal Antibody detects endogenous levels of CNT2 protein.
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	CNT2;HCNT2;SPNT1;HsT17153;SLC28A2;Sodium/nucleoside cotransporter 2; Concentrative nucleoside transporter 2;CNT 2;Na(+)/nucleoside cotransporter 2; Sodium-coupled nucleoside transporter 2;Sodium/purine nucleoside co-transporter;SPNT;Solute carrier
Observed Band	65kD
Calculated Molecular Weight	65kD
Cell Pathway	Membrane ; Multi-pass membrane protein .
Tissue Specificity	Expressed in heart and skeletal muscle followed by liver, kidney, intestine, pancreas, placenta and brain (PubMed:9435697). Weak expression in lung (PubMed:9435697).
Function	enzyme regulation:Inhibited by formycin B.,function:Sodium-dependent and purine-selective transporter. Exhibits the transport characteristics of the nucleoside transport system cif or N1 subtype (N1/cif) (selective for purine nucleosides and uridine). Plays a critical role in specific uptake and salvage of purine nucleosides in kidney and other tissues.,similarity:Belongs to the concentrative nucleoside transporter (CNT) (TC 2.A.41) family.,tissue specificity:Expressed in heart and skeletal muscle followed by liver, kidney,



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Background

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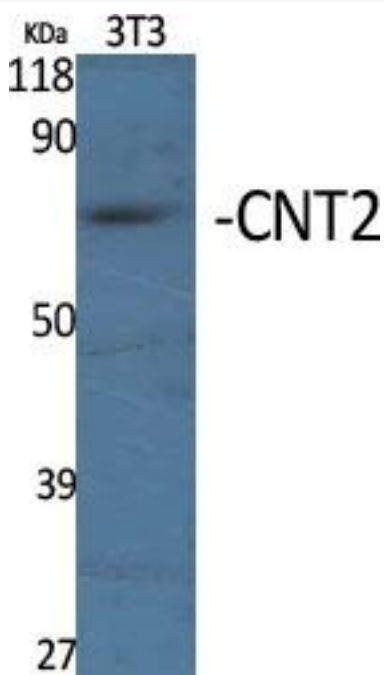
matters needing attention

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



Western Blot analysis of various cells using CNT2 Monoclonal Antibody