

NTT4 Polyclonal Antibody

Catalog No :	YT5097
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	NTT4
Gene Name :	SLC6A17
Protein Name :	Sodium-dependent neutral amino acid transporter SLC6A17
Human Gene Id :	388662
Human Swiss Prot No :	Q9H1V8
Mouse Gene Id :	229706
Mouse Swiss Prot No :	Q8BJI1
Rat Gene Id :	613226
Rat Swiss Prot No :	P31662
Immunogen :	Synthesized peptide derived from NTT4 . at AA range: 240-320
Specificity :	NTT4 Polyclonal Antibody detects endogenous levels of NTT4 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

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

Observed Band : 81kD

Background : The SLC6 family of proteins, which includes SLC6A17, acts as specific transporters for neurotransmitters, amino acids, and osmolytes like betaine, taurine, and creatine. SLC6 proteins are sodium cotransporters that derive the energy for solute transport from the electrochemical gradient for sodium ions (Hoglund et al., 2005 [PubMed 16125675]).[supplied by OMIM, Mar 2008],

Function : function:Not yet known, orphan transporter.,similarity:Belongs to the sodium:neurotransmitter symporter (SNF) family.,

Subcellular Location : Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Multi-pass membrane protein . Cell junction, synapse, postsynapse . Cell junction, synapse, presynapse . Localizes at synaptic junctions - at both pre- and post-synaptic sites - particularly in excitatory glutamatergic terminals. .

Expression : Hippocampus,

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