



S6A18 Monoclonal Antibody

Catalog No	YP-mAb-06196
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	SLC6A18 XTRP2
Protein Name	Sodium-dependent neutral amino acid transporter B(0)AT3 (Sodium- and chloride-dependent transporter XTRP2) (Solute carrier family 6 member 18) (System B(0) neutral amino acid transporter AT3)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	S6A18 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	
Observed Band	69kD
Cell Pathway	Membrane ; Multi-pass membrane protein .
Tissue Specificity	Abundantly expressed in kidney, but not in intestine.
Function	similarity:Belongs to the sodium:neurotransmitter symporter (SNF) family.,tissue specificity:Abundantly expressed in kidney, but not in intestine.,
Background	The SLC6 family of proteins, which includes SLC6A18, act 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, Apr 2010],
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.



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