



# S6A18 Monoclonal Antibody

<b>Catalog No</b>	BYmab-06196
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	SLC6A18 XTRP2
<b>Protein Name</b>	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)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	S6A18 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	69kD
<b>Cell Pathway</b>	Membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Abundantly expressed in kidney, but not in intestine.
<b>Function</b>	similarity:Belongs to the sodium:neurotransmitter symporter (SNF) family.,tissue specificity:Abundantly expressed in kidney, but not in intestine.,
<b>Background</b>	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],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!

**Nanjing BYabscience technology Co.,Ltd**



#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

#### Products Images