



# S6A12 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-06194
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	SLC6A12
<b>Protein Name</b>	Sodium- and chloride-dependent betaine transporter (BGT-1) (Na <sup>+</sup> )/Cl <sup>-</sup> betaine/GABA transporter) (Solute carrier family 6 member 12)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	S6A12 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<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>	67kD
<b>Cell Pathway</b>	Membrane; Multi-pass membrane protein.
<b>Tissue Specificity</b>	Liver, heart, skeletal muscle, placenta, and a widespread distribution in the brain.
<b>Function</b>	function:Transports betaine and GABA. May have a role in regulation of GABAergic transmission in the brain through the reuptake of GABA into presynaptic terminals, as well as in osmotic regulation.,similarity:Belongs to the sodium:neurotransmitter symporter (SNF) family.,subunit:Interacts with LIN7C.,tissue specificity:Liver, heart, skeletal muscle, placenta, and a widespread distribution in the brain.,
<b>Background</b>	function:Transports betaine and GABA. May have a role in regulation of GABAergic transmission in the brain through the reuptake of GABA into presynaptic terminals, as well as in osmotic regulation.,similarity:Belongs to the sodium:neurotransmitter symporter (SNF) family.,subunit:Interacts with LIN7C.,tissue specificity:Liver, heart, skeletal muscle, placenta, and a widespread distribution in the brain.,
<b>matters needing attention</b>	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**