



# GABA T-3 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-12724
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	SLC6A11
<b>Protein Name</b>	Sodium- and chloride-dependent GABA transporter 3
<b>Immunogen</b>	Synthesized peptide derived from GABA T-3 . at AA range: 370-450
<b>Specificity</b>	GABA T-3 Polyclonal Antibody detects endogenous levels of GABA T-3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA 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>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	SLC6A11; GABT3; GAT3; Sodium- and chloride-dependent GABA transporter 3; GAT-3; Solute carrier family 6 member 11
<b>Observed Band</b>	70kD
<b>Cell Pathway</b>	Membrane; Multi-pass membrane protein.
<b>Tissue Specificity</b>	Widespread distribution in the brain.
<b>Function</b>	function:Terminates the action of GABA by its high affinity sodium-dependent reuptake into presynaptic terminals.,similarity:Belongs to the sodium:neurotransmitter symporter (SNF) family.,tissue specificity:Widespread distribution in the brain.,
<b>Background</b>	The protein encoded by this gene is a sodium-dependent transporter that uptakes gamma-aminobutyric acid (GABA), an inhibitory neurotransmitter, which ends the GABA neurotransmission. Defects in this gene may result in epilepsy, behavioral problems, or intellectual problems. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015],
<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**

