

## GABA T-3 Polyclonal Antibody

<b>Catalog No :</b>	YT1820
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	GABA T-3
<b>Fields :</b>	>>Synaptic vesicle cycle;>>GABAergic synapse
<b>Gene Name :</b>	SLC6A11
<b>Protein Name :</b>	Sodium- and chloride-dependent GABA transporter 3
<b>Human Gene Id :</b>	6538
<b>Human Swiss Prot No :</b>	P48066
<b>Mouse Gene Id :</b>	243616
<b>Mouse Swiss Prot No :</b>	P31650
<b>Rat Gene Id :</b>	79213
<b>Rat Swiss Prot No :</b>	P31647
<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>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

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**Concentration :** 1 mg/ml

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

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**Observed Band :** 70kD

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**Background :** 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],

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**Function :** 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.,

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**Subcellular Location :** Membrane; Multi-pass membrane protein.

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**Expression :** Widespread distribution in the brain.

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## Products Images