

GABA T-3 Polyclonal Antibody

Catalog No :	YT1820
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	GABA T-3
Fields :	>>Synaptic vesicle cycle;>>GABAergic synapse
Gene Name :	SLC6A11
Protein Name :	Sodium- and chloride-dependent GABA transporter 3
Human Gene Id :	6538
Human Swiss Prot No :	P48066
Mouse Gene Id :	243616
Mouse Swiss Prot No :	P31650
Rat Gene Id :	79213
Rat Swiss Prot No :	P31647
Immunogen :	Synthesized peptide derived from GABA T-3 . at AA range: 370-450
Specificity :	GABA T-3 Polyclonal Antibody detects endogenous levels of GABA T-3 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

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

Observed Band : 70kD

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],

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.,

Subcellular Location : Membrane; Multi-pass membrane protein.

Expression : Widespread distribution in the brain.

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