SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Marker Primary Antibody]

Rabbit Anti-GABA Transporter 3/Biotin Conjugated antibody

Catalog Number: SL13260R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-GABA Transporter 3/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human GABA Transporter 3/GAT 3
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	WB=1:500-2000 Flow-Cyt=1ug/test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat)
Background:	background: Gamma-aminobutyric acid (GABA) is a major inhibitory neurotransmitter. GABAergic neurotransmission is terminated by the uptake of GABA into the presynaptic terminal and the surrounding astroglial cells by sodium-dependent transporters, such as SLC6A11 (Borden et al., 1994 [PubMed 7874447]).[supplied by OMIM, Nov 2010] **Function:** Terminates the action of GABA by its high affinity sodium-dependent reuptake into presynaptic terminals. **Subcellular Location:** Membrane; Multi-pass membrane protein. **Tissue Specificity:** Widespread distribution in the brain. **Similarity:** Belongs to the sodium:neurotransmitter symporter (SNF) (TC 2.A.22) family. SLC6A11 subfamily. **Database links:** **Entrez Gene:** 6538 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Omim: 607952 Human **SwissProt:** P48066 Human **Unigene:** 657405 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.