

Product Name: GABA T-1 Rabbit Polyclonal Antibody
Catalog #: APRab11230



Summary

Production Name	GABA T-1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SLC6A1
Alternative Names	SLC6A1; GABATR; GABT1; GAT1; Sodium- and chloride-dependent GABA transporter 1; GAT-1; Solute carrier family 6 member 1
Gene ID	6529.0
SwissProt ID	P30531.The antiserum was produced against synthesized peptide derived from human SLC6A1. AA range:381-430

Application

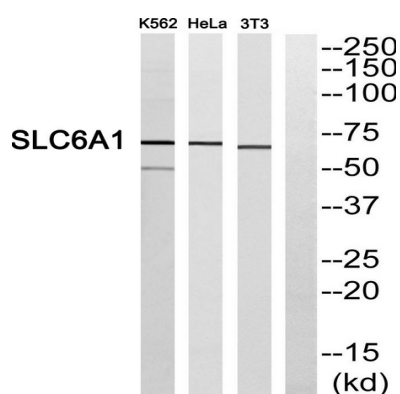
Dilution Ratio	WB 1:500-1:2000, ELISA 1:40000.Not yet tested in other applications.
Molecular Weight	67kDa

Background

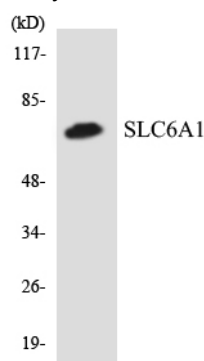
The SLC6A1 gene encodes a gamma-aminobutyric acid (GABA) transporter, which removes GABA from the synaptic cleft (Hirunsatit et al., 2009 [PubMed 19077666]).[supplied by OMIM, Jul 2009],domain:The PDZ domain-binding motif is involved in the interaction with MPP5.,function:Terminates the action of GABA by its high affinity sodium-dependent reuptake into presynaptic terminals.,miscellaneous:This protein is the target of psychomotor stimulants such as amphetamines or cocaine.,similarity:Belongs to the sodium:neurotransmitter symporter (SNF) family.,subcellular location:Localized at the plasma membrane and in a subset of intracellular vesicles. Localized at the presynaptic terminals of interneurons.,subunit:Interacts with MPP5,

Research Area

Image Data



Western blot analysis of SLC6A1 Antibody. The lane on the right is blocked with the SLC6A1 peptide.



Western blot analysis of the lysates from HeLa cells using SLC6A1 antibody.

Note

For research use only.

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