CD Creative Diagnostics®

Anti-SLC6A1 polyclonal antibody (CABT-BL5700)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Anti-SLC6A1 polyclonal Antibody
Target	SLC6A1
Immunogen	Recombinant protein corresponding to amino acids of human SLC6A1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Sequence Similarities	IYYLYNSFTTTLPWKQCDNPWNTDRCFSNYSMVNTTNMTSAVVEFWERNMHQMTDGLDKPG
Format	Liquid
Buffer	In PBS, pH 7.5 (40% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

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Introduction	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]

GENE INFORMATION

Entrez Gene ID	6529
Protein Refseq	NP_003033
UniProt ID	A0A024R2G0
Chromosome Location	3p25.3
Pathway	GABA synthesis, release, reuptake and degradation, organism-specific biosystem; GABAergic synapse, organism-specific biosystem; GABAergic synapse, conserved biosystem; monoamine Transport, organism-specific biosystem; Na+/Cl- dependent neurotransmitter transporters, organism-specific biosystem; Neuronal System, organism-specific biosystem; Neurotransmitter Release Cycle, organism-specific biosystem;
Function	gamma-aminobutyric acid:sodium symporter activity; neurotransmitter:sodium symporter activity; symporter activity;

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