

Datasheet for ABIN6982965

anti-SLC1A3 antibody (AA 441-512) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SLC1A3
Binding Specificity:	AA 441-512
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC1A3 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EAAT1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	SLC1A3
Alternative Name:	EAAT1 (SLC1A3 Products)
Background:	Synonyms: EA6, EAAT1, Excitatory amino acid transporter 1, FLJ25094, GLAST, GLAST1, Glial

Target Details

high affinity glutamate transporter, High affinity neuronal glutamate transporter, Slc1a3, Sodium dependent glutamate/aspartate transporter, EAA1_HUMAN.

Background: This gene encodes a member of a member of a high affinity glutamate transporter family. This gene functions in the termination of excitatory neurotransmission in central nervous system. Mutations are associated with episodic ataxia, Type 6. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Feb 2014]

Gene ID: 6507

UniProt: [P43003](#)

Pathways: [Sensory Perception of Sound](#), [Synaptic Membrane](#), [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months