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Datasheet for ABIN940563
anti-SLC1A7 antibody (C-Term)

Overview

Quantity:	100 µg
Target:	SLC1A7
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SLC1A7 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	SLC1A7 / EAAT5
Immunogen:	Peptide with sequence SLNHCTIQISELETN, from the C Terminus of the protein sequence according to NP_006662.3.
Sequence:	SLNHCTIQIS ELETN
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	SLC1A7
Alternative Name:	SLC1A7 (SLC1A7 Products)
Background:	SLC1A7, solute carrier family 1 (glutamate transporter), member 7, AAAT, EAAT5, FLJ36602, excitatory amino acid transporter 5, excitatory amino acid transporter 5 (retinal glutamate transporter), retinal glutamate transporter, solute carrier family 1 memb
Gene ID:	6512, 242607
NCBI Accession:	NP_006662
Pathways:	Dicarboxylic Acid Transport

Application Details

Application Notes:	Western Blot: Preliminary experiments gave an approx 75 kDa band in Human Heart, Liver and Skeletal Muscle lysates after 0.1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.