



# SZABO SCANDIC

Part of Europa Biosite

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## SLC1A3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00006507-T02

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

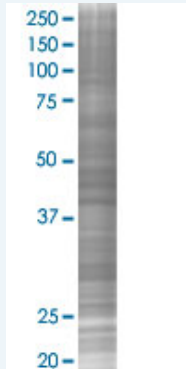
**Plasmid:** pCMV-SLC1A3 full-length

**Host:** Human

**Theoretical MW (kDa):** 59.5

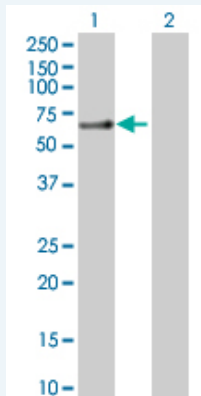
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-SLC1A3 antibody (H00006507-D01P) by Western Blots.

#### SDS-PAGE Gel



SLC1A3 transfected lysate.

#### Western Blot



Lane 1: SLC1A3 transfected lysate ( 59.50 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

### Application Image

Western Blot

## Western Blot

### Gene Information

Entrez GeneID: [6507](#)

GeneBank Accession#: [NM\\_004172.3](#)

Protein Accession#: [NP\\_004163.2](#)

Gene Name: SLC1A3

Gene Alias: EA6,EAAT1,FLJ25094,GLAST,GLAST1

Gene Description: solute carrier family 1 (glial high affinity glutamate transporter), member 3

Omim ID: [600111](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** Glutamate and aspartate are excitatory neurotransmitters that have been implicated in a number of pathologic states of the nervous system. Accumulation of extracellular excitatory amino acids can be cytotoxic and may also lower the seizure threshold in epilepsy. EAAT1 (SLC1A3) is a member of a family of high-affinity sodium-dependent transporter molecules that regulate neurotransmitter concentrations at the excitatory glutamatergic synapses of the mammalian central nervous system (Kirschner et al., 1994 [PubMed 8001975]).[supplied by OMIM]

Other Designations: glutamate transporter variant EAAT1ex9skip

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