

DNAxPAb

Hard-to-Find
Antibody

SLC1A2 DNAxPab

Catalog # H00006506-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human SLC1A2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SLC1A2

Entrez GeneID	6506
GeneBank Accession#	NM_004171.2
Protein Accession#	NP_004162.2
Gene Name	SLC1A2
Gene Alias	EAAT2, GLT-1
Gene Description	solute carrier family 1 (glial high affinity glutamate transporter), member 2
Omim ID	600300
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of a family of solute transporter proteins. The membrane-bound protein is the principal transporter that clears the excitatory neurotransmitter glutamate from the extra cellular space at synapses in the central nervous system. Glutamate clearance is necessary for proper synaptic activation and to prevent neuronal damage from excessive activation of glutamate receptors. Mutations in and decreased expression of this protein are associated with amyotrophic lateral sclerosis. Alternatively spliced transcript variants of this gene have been described, but the ir full-length nature is not known. [provided by RefSeq
Other Designations	excitatory amino acid transporter 2 excitotoxic amino acid transporter 2 glial high affinity glutamate transporter glutamate/aspartate transporter II sodium-dependent glutamate/aspartate transporter 2 solute carrier family 1, member 2

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)

Disease

- [Alcoholism](#)
- [Child Development Disorders](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Personality Tests](#)

- [Postmortem Changes](#)
- [Reward](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)