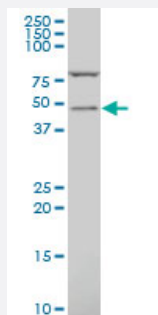


SLC18A2 polyclonal antibody (A01)

Catalog # H00006571-A01

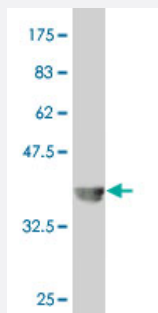
Size 50 uL

Applications



Western Blot (Cell lysate)

SLC18A2 polyclonal antibody (A01), Lot # 060717JCS1 Western Blot analysis of SLC18A2 expression in Jurkat (Cat # L017V1).



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant SLC18A2.
Immunogen	SLC18A2 (NP_003045, 53 a.a. ~ 151 a.a) partial recombinant protein with GST tag.
Sequence	HEKNATEIQTARPVHTASISDSFQSIFSYYDNSTMVTGNATRDLLHQTATQHMVTNASAVPSDCP SEDKDLLNENVQVGLLFASKATVQLITNPFIGL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (70); Rat (69)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SLC18A2 polyclonal antibody (A01), Lot # 060717JCS1 Western Blot analysis of SLC18A2 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SLC18A2

Entrez GeneID

[6571](#)

GeneBank Accession#

[NM_003054](#)

Protein Accession#

[NP_003045](#)

Gene Name

SLC18A2

Gene Alias

MGC120477, MGC120478, MGC26538, SVAT, SVMT, VAT2, VMAT2

Gene Description

solute carrier family 18 (vesicular monoamine), member 2

Omim ID

[193001](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The vesicular monoamine transporter acts to accumulate cytosolic monoamines into synaptic vesicles, using the proton gradient maintained across the synaptic vesicular membrane. Its proper function is essential to the correct activity of the monoaminergic systems that have been implicated in several human neuropsychiatric disorders. The transporter is a site of action of important drugs, including reserpine and tetrabenazine (Peter et al., 1993 [PubMed 7905859]). See also SLC18A1 (MIM 193002).[supplied by OMIM]

Disease

- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cognition](#)
- [Depressive Disorder](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)
- [Parkinson disease](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)