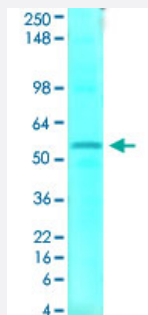


SLC1A1 monoclonal antibody, clone S180-41 (RPE)

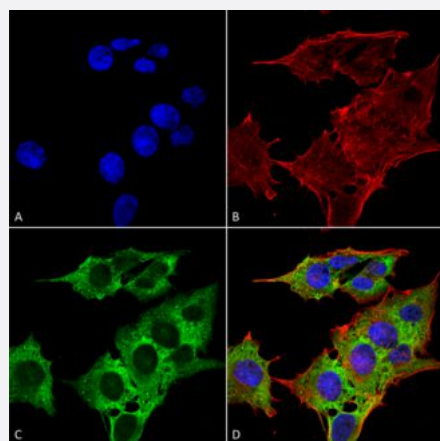
Catalog # MAB18297 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western Blot analysis of rat brain membrane lysate with SLC1A1 monoclonal antibody, clone S180-41 (RPE) (Cat # MAB18297).



Immunocytochemistry

Immunocytochemical staining of SK-N-BE with SLC1A1 monoclonal antibody, clone S180-41 (RPE) (Cat # MAB18297). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) SLC1A1 Antibody and (D) Composite.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human SLC1A1.
Immunogen	Recombinant protein corresponding to full length human SLC1A1.
Host	Mouse
Reactivity	Human, Rat
Form	Liquid

Conjugation	RPE
Purification	Protein G Purification
Isotype	IgG1
Recommend Usage	Immunocytochemistry (1:100) Immunofluorescence (1:100) Immunoprecipitation Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).
Storage Instruction	Store at -20°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western Blot analysis of rat brain membrane lysate with SLC1A1 monoclonal antibody, clone S180-41 (RPE) (Cat # MAB18297).

- Immunocytochemistry

Immunocytochemical staining of SK-N-BE with SLC1A1 monoclonal antibody, clone S180-41 (RPE) (Cat # MAB18297). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) SLC1A1 Antibody and (D) Composite.

- Immunofluorescence

- Immunoprecipitation

Gene Info — SLC1A1

Entrez GeneID	6505
Protein Accession#	P43005
Gene Name	SLC1A1
Gene Alias	EAAC1, EAAT3

Gene Description	solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1
Omim ID	133550
Gene Ontology	Hyperlink
Gene Summary	system Xag)
Other Designations	OTTHUMP00000021006 excitatory amino acid carrier 1 excitatory amino acid transporter-3 solute carrier family 1, member 1

Disease

- [Anorexia Nervosa](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Child Development Disorders](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
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