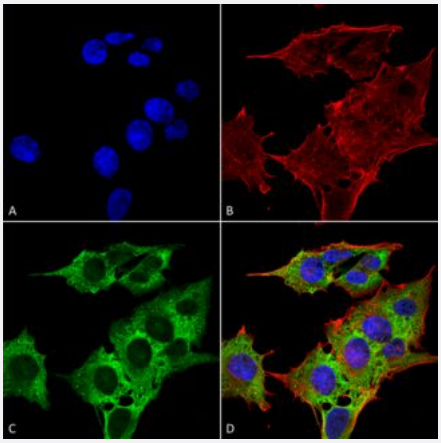
SLC1A1 monoclonal antibody, clone S180-41 (ATTO 594)

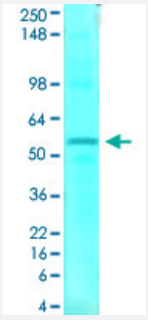
Catalog # MAB18290 Size 100 ug

Applications



Immunocytochemistry

Immunocytochemical staining of SK-N-BE with SLC1A1 monoclonal antibody, clone S180-41 (ATTO 594) (Cat # MAB18290). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) SLC1A1 Antibody and (D) Composite.



Western Blot (Tissue lysate)

Western Blot analysis of rat brain membrane lysate with SLC1A1 monoclonal antibody, clone S180-41 (ATTO 594) (Cat # MAB18290).

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

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Conjugation	ATTO 594
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 4°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence
- Immunocytochemistry

  Immunocytochemical staining of SK-N-BE with SLC1A1 monoclonal antibody, clone S180-41 (ATTO 594) (Cat # MAB18290). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) SLC1A1 Antibody and (D) Composite.
- Immunoprecipitation
- Western Blot (Tissue lysate)

  Western Blot analysis of rat brain membrane lysate with SLC1A1 monoclonal antibody, clone S180-41 (ATTO 594) (Cat # MAB18290).

Gene Info — SLC1A1

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

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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
- Obsessive-Compulsive Disorder
- Psychiatric Status Rating Scales
- Schizophrenia
- Schizophrenic Psychology
- Stereotypic Movement Disorder
- Weight Gain

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