

SLC6A2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI11956**Specification****SLC6A2 antibody - middle region - Product Information**

Application	WB
Primary Accession	O55192
Other Accession	NM_001043 , NP_001034
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Horse, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 69kDa KDa

SLC6A2 antibody - middle region - Additional Information**Gene ID** 20538**Alias Symbol** NAT1, NET, NET1, SLC6A5**Other Names**

Sodium-dependent noradrenaline transporter, Norepinephrine transporter, NET, Solute carrier family 6 member 2, Slc6a2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-SLC6A2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

SLC6A2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SLC6A2 antibody - middle region - Protein Information**Name** Slc6a2 {ECO:0000312|MGI:MGI:1270850}**Function**

Mediates sodium- and chloride-dependent transport of norepinephrine (also known as noradrenaline), the primary signaling neurotransmitter in the autonomic sympathetic nervous system (PubMed: [16269905](http://www.uniprot.org/citations/16269905), PubMed: [23580201](http://www.uniprot.org/citations/23580201)). Is responsible for norepinephrine reuptake and clearance from the synaptic cleft, thus playing a crucial role in norepinephrine inactivation and homeostasis (PubMed: [10769386](http://www.uniprot.org/citations/10769386)),

PubMed: [23580201](http://www.uniprot.org/citations/23580201)).

Can also mediate sodium- and chloride-dependent transport of dopamine (By similarity).

Cellular Location

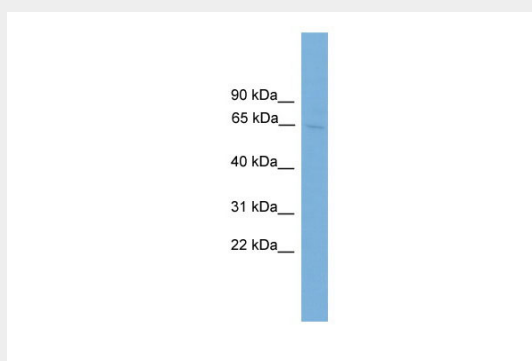
Cell membrane {ECO:0000250|UniProtKB:P23975}; Multi-pass membrane protein. Cell projection, axon. Synapse, synaptosome

SLC6A2 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SLC6A2 antibody - middle region - Images



WB Suggested Anti-SLC6A2 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: HepG2 cell lysate