10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# SLC6A2 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11956

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | O55192 |
| **Other Accession** | NM_001043, NP_001034 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine |
| **Predicted** | Human, Mouse, Dog, Horse, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 69255 |

## Additional Information

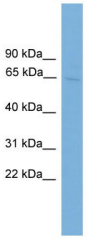
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|---|---|
| **Gene ID** | 20538 |
| **Alias Symbol** | NAT1, NET, NET1, SLC6A5 |
| **Other Names** | Sodium-dependent noradrenaline transporter, Norepinephrine transporter, NET, Solute carrier family 6 member 2, Slc6a2 |
| **Format** | Liquid. Purified 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. |

## Protein Information

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|---|---|
| **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, PubMed:23580201). Is responsible for norepinephrine reuptake and clearance from the synaptic cleft, thus playing a crucial role in norepinephrine inactivation and homeostasis (PubMed:10769386, PubMed: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

## Images




WB Suggested Anti-SLC6A2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.