

Rabbit SLC6A3 Polyclonal Antibody | anti-SLC6A3 antibody

SLC6A3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325176	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

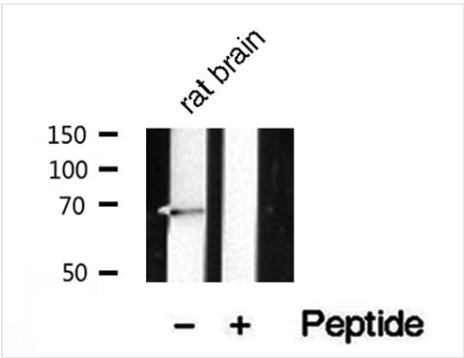
PRODUCT SYNONYMS

SLC6A3; Polyclonal Antibody; SLC6A3 Antibody; DA transporter; DAT 1; DAT; DAT1; Dopamine transporter 1; Dopamine transporter; PKDYS; SC6A3_HUMAN; Sodium dependent dopamine transporter; Sodium-dependent dopamine transporter; Solute carrier family 6 (neurotransmitter transporter dopamine); member 3; Solute carrier family 6 (neurotransmitter transporter); Solute carrier family 6 member 3; Variable number tandem repeat (VNTR); anti-SLC6A3 antibody

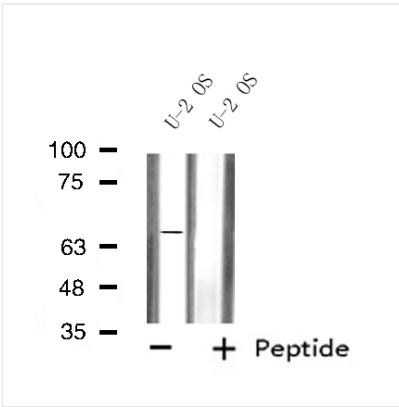
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC6A3 antibody detects endogenous levels of total SLC6A3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	620
Applicable Applications for anti-SLC6A3 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Tissue Specificity	Highly expressed in substantia nigra.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (91%), Bovine (91%), Horse (91%), Sheep (91%), Dog (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from Rat brain lysate, using SLC6A3 antibody.



WB (Western Blot)
Western blot analysis SLC6A3 using U-2 OS whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-SLC6A3 antibody	Function: Amine transporter. Terminates the action of dopamine by its high affinity sodium-dependent reuptake into presynaptic terminals. Subunit Structure: Homooligomer; disulfide-linked (Ref. 14). Interacts with PRKCABP and TGFB1I1 (PubMed:11343649, PubMed:12177201). Interacts (via N-terminus) with SYNGR3 (via N-terminus). Interacts with SLC18A2. Interacts with TOR1A (ATP-bound); TOR1A regulates SLC6A3 subcellular location (By similarity). Similarity: Belongs to the sodium:neurotransmitter symporter (SNF) (TC 2.A.22) family. SLC6A3 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507041
NCBI GeneID	6531
NCBI Accession #	NP_001035.1
NCBI GenBank Nucleotide #	NM_001044.4
UniProt Accession #	Q01959; Q14996; A2RUN4
Molecular Weight	Observed: 68 kD Predicted: 69 kDa
NCBI Official Full Name	sodium-dependent dopamine transporter
NCBI Official Synonym Full Names	solute carrier family 6 member 3
NCBI Official Symbol	SLC6A3
NCBI Official Synonym Symbols	DAT; DAT1; PKDYS; PKDYS1
NCBI Protein Information	sodium-dependent dopamine transporter
UniProt Protein Name	Sodium-dependent dopamine transporter
UniProt Gene Name	SLC6A3
UniProt Synonym Gene Names	DAT1; DA transporter; DAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.