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Immunotag™ SC6A3 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN1345
Product Description	Immunotag™ SC6A3 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SC6A3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SC6A3 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	SLC6A3 DAT1
Accession No.	Q01959 Q61327 P23977

Antibody Specification

Description	solute carrier family 6 member 3(SLC6A3) Homo sapiens This gene encodes a dopamine transporter which is a member of the sodium- and chloride-dependent neurotransmitter transporter family. The 3' UTR of this gene contains a 40 bp tandem repeat, referred to as a variable number tandem repeat or VNTR, which can be present in 3 to 11 copies. Variation in the number of repeats is associated with idiopathic epilepsy, attention-deficit hyperactivity disorder, dependence on alcohol and cocaine, susceptibility to Parkinson disease and protection against nicotine dependence.[provided by RefSeq, Nov 2009],
Cell Pathway/ Category	Parkinson's disease,
Protein Expression	Brain,Pooled,Whole blood,
Subcellular Localization	cytoplasm,plasma membrane,integral component of plasma membrane,cell surface,integral component of membrane,flotillin complex,axon,neuron projection,neuronal cell body,membrane raft,presynapse,
Protein Function	function:Amine transporter. Terminates the action of dopamine by its high affinity sodium-dependent reuptake into presynaptic terminals.,miscellaneous:This protein is the target of psychomotor stimulants such as amphetamines or cocaine.,online information:Dopamine transporter entry,similarity:Belongs to the sodium:neurotransmitter symporter (SNF) family.,subunit:Homooligomer; disulfide-linked. Interacts with PRKCABP and TGFB1I1.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.