

Immunotag™ SR-6 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4408
Product Description	Immunotag™ SR-6 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	SR-6
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from SR-6, at AA range: 190-270
Specificity	SR-6 Polyclonal Antibody detects endogenous levels of SR-6 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	HTR6
Accession No.	P50406 Q9R1C8 P31388
Alternate Names	HTR6; 5-hydroxytryptamine receptor 6; 5-HT-6; 5-HT6; Serotonin receptor 6
Description	5-hydroxytryptamine receptor 6(HTR6) Homo sapiens This gene encodes a protein that belongs to the seven-transmembrane G protein-coupled receptor family of proteins. The encoded protein couples with the Gs alpha subunit and stimulates adenylate cyclase to activate the cyclic AMP-dependent signaling pathway. This receptor is thought to regulate cholinergic neuronal transmission in the brain. Several antidepressants and antipsychotic drugs have a high affinity for this receptor. [provided by RefSeq, Aug 2013],

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Cell Pathway/ Category	Calcium,Neuroactive ligand-receptor interaction,
Protein Expression	Brain,Corpus striatum,Fetal brain,T-cell,
Subcellular Localization	plasma membrane,integral component of plasma membrane,cilium,dendrite,
Protein Function	function:This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that stimulate adenylate cyclase. It has a high affinity for tricyclic psychotropic drugs.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed in several human brain regions, most prominently in the caudate nucleus.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.