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Rabbit Anti-5HT6 Receptor/FITC Conjugated antibody

SL12058R-FITC

Product Name:	Anti-5HT6 Receptor/FITC
Chinese Name:	FITC标记的5-羟色胺受体6抗体
Alias:	SR-6; 5 HT 6; 5 HT6; 5 hydroxytryptamine 6 receptor; 5 hydroxytryptamine receptor 6; 5-HT-6; 5-HT6; 5-hydroxytryptamine receptor 6; 5HT 6; 5HT6R_HUMAN; HTR 6; HTR6; Serotonin receptor 6.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,
Applications:	ICC=1:50-200IF=1:50-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	47kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human 5HT6 Receptor/SR-6
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail:	**background:** 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]

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.

Subcellular Location:
Cell membrane; Multi-pass membrane protein.

Tissue Specificity:
Expressed in several human brain regions, most prominently in the caudate nucleus.

Similarity:
Belongs to the G-protein coupled receptor 1 family.

Database links:

Entrez Gene: 3362 Human

Entrez Gene: 15565 Mouse

Entrez Gene: 64354 Rat

Omim: 601109 Human

SwissProt: P50406 Human

SwissProt: Q9R1C8 Mouse

SwissProt: P31388 Rat

Unigene: 22180 Human

Unigene: 291096 Mouse

Unigene: 10552 Rat

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.