



## Rabbit Anti-5HT6 Receptor antibody

SL12058R

<b>Product Name:</b>	5HT6 Receptor
<b>Chinese Name:</b>	5-羟色胺受体6抗体
<b>Alias:</b>	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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Horse,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	47kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human 5HT6 Receptor/SR-6:51-150/440<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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 amine 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.

**SWISS:**

P50406

**Gene ID:**

3362

**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:**

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