

Rabbit Anti-5HT6 Receptor antibody

SL12058R

Product Name 5HT6 Receptor

Chinese Name 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-hydroxytryptamine receptor 6; 5HT 6; 5HT6R_HUMAN; HTR 6; HTR6; Serotonin receptor 6

Research Area Neurobiology The cell membrane 受体 G protein-coupled receptor The new supersedes the old
signal

Immunogen Species Rabbit

Clonality Polyclonal

React Species (predicted: Human, Mouse, Rat, Dog, Pig, Horse,)

WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA
(Paraffin sections need antigen repair)

Applications not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 47kDa

Cellular localization The cell membrane

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human 5HT6 Receptor/SR-6: 51-150/440 <Ext

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or d
applications.

PubMed [PubMed](#)

Product This gene encodes a protein that belongs to the seven-transmembrane G protein-coupled recepto

Detail

proteins. The encoded protein couples with the Gs alpha subunit and stimulates adenylate cyclase cyclic AMP-dependent signaling pathway. This receptor is thought to regulate cholinergic neurons in the brain. Several antidepressants and antipsychotic drugs have a high affinity for this receptor [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 through 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



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