



Rabbit Anti-5HT5A receptor antibody

SL12055R

Product Name:	5HT5A receptor
Chinese Name:	5-羟色胺受体5A抗体
Alias:	SR-5A; HTR5A; 5 HT 5A; 5 hydroxytryptamine 5A receptor; 5-HT-5; 5-HT-5A; 5-HT5A; 5-hydroxytryptamine receptor 5A; 5HT5A; 5HT5A_HUMAN; HTR5A; Serotonin receptor 5A.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=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.
Molecular weight:	40kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human 5HT5A receptor/SR-5A:1-110/357<Extracellular>
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.
PubMed:	PubMed
Product Detail:	The neurotransmitter serotonin (5-hydroxytryptamine, 5-HT) has been implicated in a wide range of psychiatric conditions and also has vasoconstrictive and vasodilatory effects. The gene described in this record is a member of 5-hydroxytryptamine (serotonin) receptor family and encodes a multi-pass membrane protein that functions as

a receptor for 5-hydroxytryptamine and couples to G-proteins. This protein has been shown to function in part through the regulation of intracellular Ca²⁺ mobilization. [provided by RefSeq, Jul 2008]

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.

Subcellular Location:

Cell membrane.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

P47898

Gene ID:

3361

Database links:

[Entrez Gene: 3361](#) Human

[Entrez Gene: 15563](#) Mouse

[Entrez Gene: 25689](#) Rat

[Omim: 601305](#) Human

[SwissProt: P47898](#) Human

[SwissProt: P30966](#) Mouse

[SwissProt: P35364](#) Rat

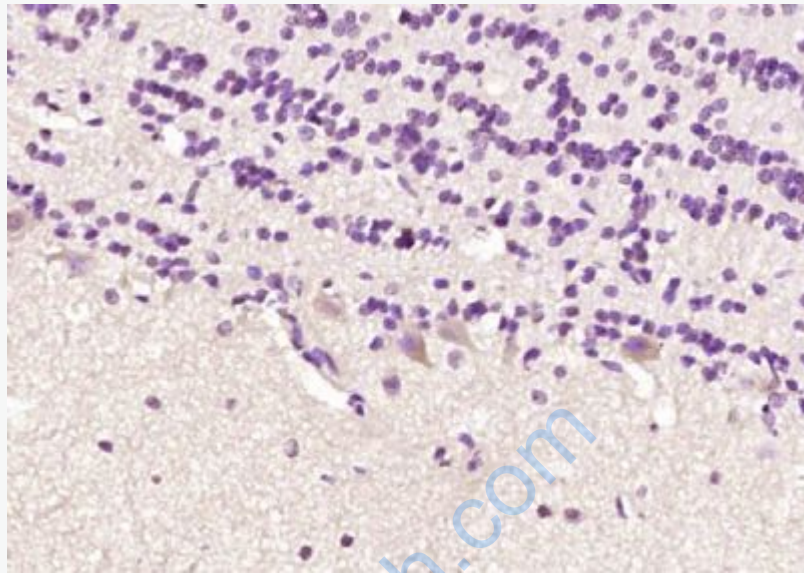
[Unigene: 65791](#) Human

[Unigene: 4835](#) Mouse

[Unigene: 10569](#) Rat

Important Note:

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



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (5HT5A) Polyclonal Antibody, Unconjugated (SL12055R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.