



Rabbit Anti-5HT1B Receptor antibody

SL1125R

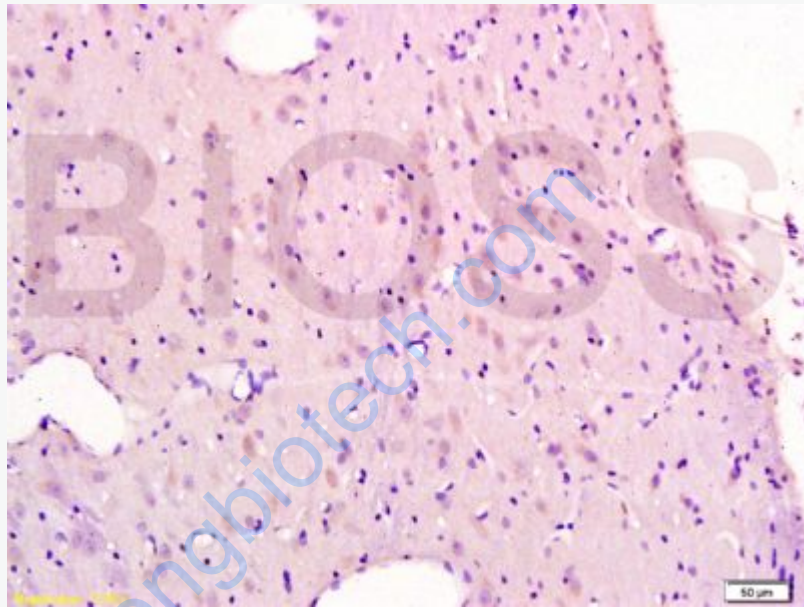
Product Name:	5HT1B Receptor
Chinese Name:	5-羟色胺受体1B抗体
Alias:	5HT1B Receptor; 5 HT 1B; 5 HT 1D beta; 5-HT1BR; 5HT1BR; 5 HT1B; 5 HT1B receptor; 5 HT1DB; 5 hydroxytryptamine (serotonin) receptor 1B; 5 hydroxytryptamine receptor 1B; HTR 1B; HTR1B; HTR1D2; HTR1DB; S12; 5 HT1DB; 5 hydroxytryptamine receptor 1B; 5-HT-1B; 5-HT-1D-beta; 5-HT1B; 5-hydroxytryptamine receptor 1B; 5HT1B_HUMAN; HTR1B; HTR1D2; HTR1DB; S12; Serotonin 1D beta receptor; Serotonin receptor 1B; Serotonin 1D beta receptor; Serotonin receptor 1B; HTR1B; HTR1DB; 5-hydroxytryptamine receptor 1B.
文献引用 PubMed :	<p>Specific References(1) SL1125R has been referenced in 1 publications.</p> <p>[IF=2.59]Sun, Tao, et al. "Antihypertensive effect of formononetin through regulating the expressions of eNOS, 5-HT< sub> 2A/1B receptors and ??< sub> 1-adrenoceptors in spontaneously hypertensive rat arteries."European journal of pharmacology (2013)..Rat.</p> <p>PubMed:23123056</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000IHC-P=1:400-800IHC-F=1:400-800IF=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:	44kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human 5-HTR1B:121-220/390<Cytoplasmic>

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:	<p>The neurotransmitter serotonin (5-hydroxytryptamine; 5-HT) exerts a wide variety of physiologic functions through a multiplicity of receptors and may be involved in human neuropsychiatric disorders such as anxiety, depression, or migraine. These receptors consist of several main groups subdivided into several distinct subtypes on the basis of their pharmacologic characteristics, coupling to intracellular second messengers, and distribution within the nervous system (Zifa and Fillion, 1992 [PubMed 1359584]). The serotonergic receptors belong to the multigene family of receptors coupled to guanine nucleotide-binding proteins.[supplied by OMIM, Oct 2009].</p> <p>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 inhibit adenylate cyclase activity.</p> <p>Subcellular Location: Cell membrane; Multi-pass membrane protein.</p> <p>Post-translational modifications: Phosphorylated. Desensitization of the receptor may be mediated by its phosphorylation. Palmitoylated.</p> <p>Similarity: Belongs to the G-protein coupled receptor 1 family.</p> <p>SWISS: P28222</p> <p>Gene ID: 3351</p> <p>Database links:</p> <p>Entrez Gene: 3351Human</p> <p>Oimim: 182131Human</p> <p>SwissProt: P28222Human</p>

[Unigene: 123016](#)Human

Important Note:

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



Picture:

Tissue/cell: rat brain tissue(Snr); 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-5-HT1B Polyclonal Antibody, Unconjugated(SL1125R) 1:300, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining