

bs-1125R**[Primary Antibody]**

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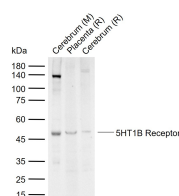
400-901-9800

5HT1B Receptor Rabbit pAb

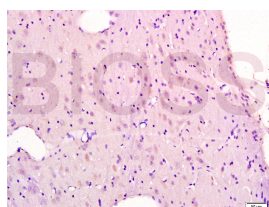
— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 3351	SWISS: P28222	IHC-F (1:100-500)
Target: 5HT1B Receptor		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human 5-HTR1B: 121-220/390. < Cytoplasmic >		Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Chicken, Dog, Horse)
Purification: affinity purified by Protein A		Predicted MW.: 44 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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].		

— VALIDATION IMAGES —



Sample: Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Rat Placenta tissue lysates Lane 3: Rat Cerebrum tissue lysates
Primary: Anti-5HT1B Receptor (bs-1125R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 44 kDa
Observed band size: 48 kDa



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-HTR1B Polyclonal Antibody, Unconjugated(bs-1125R) 1:300, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=2.59]** Sun, Tao, et al. "Antihypertensive effect of formononetin through regulating the expressions of eNOS, 5-HT_{2A/1B} receptors and ??₁-adrenoceptors in spontaneously hypertensive rat arteries."European journal of pharmacology (2013).. Other ;="Rat". 23123056
- **[IF=3.18]** Liu et al. Fluoxetine attenuates chronic methamphetamine-induced pulmonary arterial remodelling: possible involvement of serotonin transporter and serotonin 1B receptor. (2013) Basic.Clin.Pharmacol.Toxicol. 112:77-82 Other

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

;other. 22900600