bs-1892R **[Primary Antibody]**

5-HTR2B Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 3357 **SWISS:** P41595

Target: 5-HTR2B

Immunogen: KLH conjugated synthetic peptide derived from human 5-HTR2B: 201-300/481.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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: Multiple receptor subtypes of serotonin neurotransmitters with multiple physiologic functions have been recognized. The 5-HT-2 receptors mediate many of the central and peripheral physiologic functions of serotonin. Cardiovascular effects include contraction of blood vessels and shape changes in platelets; central nervous system effects include neuronal sensitization to tactile stimuli and mediation of hallucinogenic effects of phenylisopropylamine hallucinogens.[supplied by OMIM].

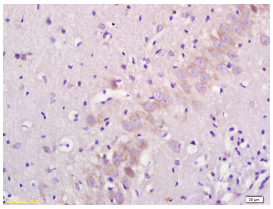
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Rat (predicted: Human, Mouse)

Predicted MW.: 53 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Tissue/cell: rat brain tissue; 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-HTR2B/HTR2B Polyclonal Antibody, Unconjugated(bs-1892R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

SELECTED CITATIONS

- **[IF=14.971]** Kyritsi K et al. Modulation of the TPH 1/MAO - A/5 HT/5 HTR 2A/2B/2C Axis Regulates Biliary Proliferation and Liver Fibrosis During Cholestasis. Hepatology.2019 Jul 25. ICC,IHC ;Rat&Mouse. doi:10.1002/hep.30880
- **[IF=4.26]** Bi et al. Peripheral serotonin regulates postoperative intra-abdominal adhesion formation in mice. (2017) Sci.Rep. 7:10001 WB ;Mouse. 28855642