

bs-1126R**[Primary Antibody]****5-HT Rabbit pAb****Bioss**
ANTIBODIES

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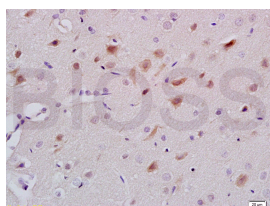
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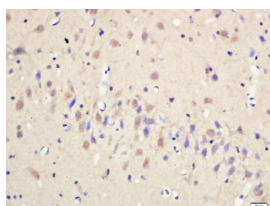
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		Reactivity: Species independent
Target: 5-HT		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 0.21268 kDa
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: Serotonin (pronounced) (5-hydroxytryptamine, or 5-HT) is a monoamine neurotransmitter synthesized in serotonergic neurons in the central nervous system (CNS) and enterochromaffin cells in the gastrointestinal tract of animals including humans. Serotonin is also found in many mushrooms and plants, including fruits and vegetables.		

— 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-HT Polyclonal Antibody, Unconjugated(bs-1126R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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— SELECTED CITATIONS —

- **[IF=8.2]** Yang Ding. et al. Chronic Stress-induced Serotonin Impairs Intestinal Epithelial Cell Mitochondrial Biogenesis via the AMPK-PGC-1 α Axis. INT J BIOL SCI. 2024 Aug;20(11):4476-4495 IF ;Mouse,Human. 39247815
- **[IF=5.81]** Shengyan Xi. et al. The Ciji-Hua' ai-Baosheng II Formula Attenuates Chemotherapy-Induced Anorexia in Mice With H22 Hepatocellular Carcinoma. Front Pharmacol. 2021; 12: 715824 IHC ;Mouse. 34489705
- **[IF=5.2]** Liu Qihong. et al. Effects of Liqi Tongbian decoction on gut microbiota, SCFAs production, and 5-HT pathway in STC rats with Qi Stagnation Pattern. FRONT MICROBIOL. 2024 Mar;15: IHC ;Rat. 38559349
- **[IF=4.2]** Ding Yang. et al. Early-Life Stress Induced by Neonatal Maternal Separation Leads to Intestinal 5-HT Accumulation and Causes Intestinal Dysfunction. J INFLAMM RES. 2024 Nov 18 IF ;Mouse. 39588137
- **[IF=3.5]** Hongbo Jiang. et al. Effects of aminooxyacetic acid on learning and memory function and neurochemical changes in chronic alcoholism. brain research bulletin. 2025 Feb;221:111203. IHC ;Rat. 39793666