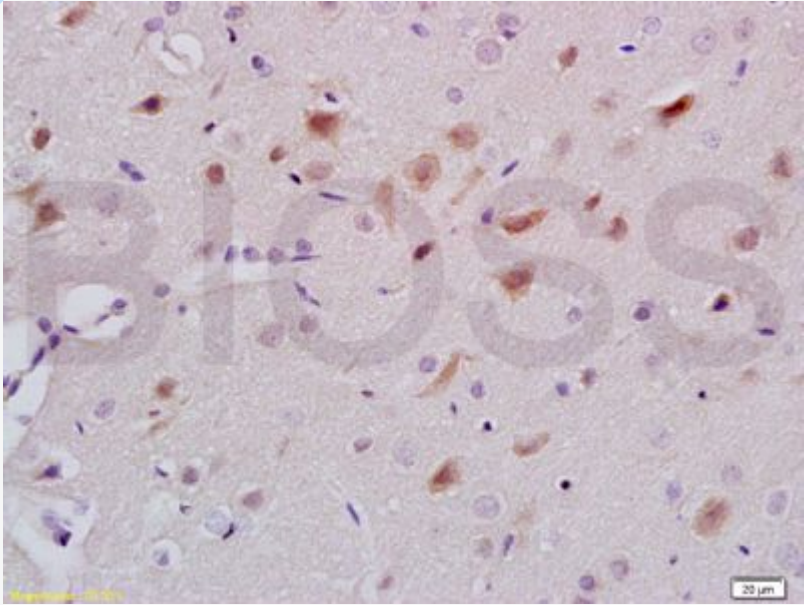




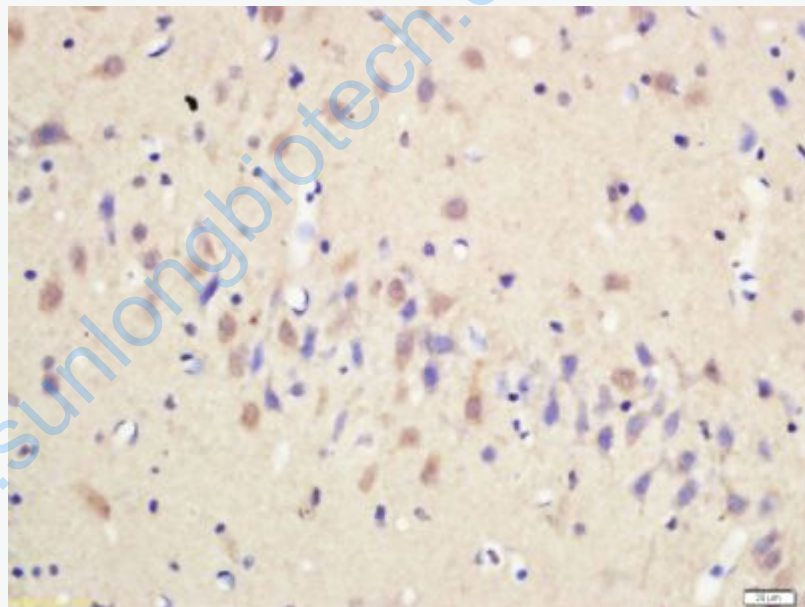
Rabbit Anti-5-HT antibody

SL1126R

Product Name:	5-HT
Chinese Name:	5羟色胺抗体
Alias:	Serotonin; 5-hydroxytryptamine; 3-(2-Aminoethyl)-5-hydroxyindole hydrochloride; 5 hydroxy tryptophan; 5 Hydroxytryptophan; 5HTP; 5-HT, 5-Hydroxytryptamine hydrochloride.
文献引用 PubMed :	Specific References(1) SL1126R has been referenced in 1 publications. [IF=2.43] Yin, Yue, et al. "Tong Xie Yao Fang relieves irritable bowel syndrome in rats via mechanisms involving regulation of 5-hydroxytryptamine and substance P."World Journal of Gastroenterology: WJG 21.15 (2015): 4536. IHC-P;Rat. PubMed:25914462
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Rat,5-HT
Applications:	ELISA=1:500-1000IHC-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:	0.21268kDa
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated to 5-HT:
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

	<p>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.</p>
<p>PubMed:</p>	<p>PubMed</p>
<p>Product Detail:</p>	<p>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.</p> <p>Function: Tryptophan is an amino acid occurring naturally in food. In the brain, it is converted to 5-hydroxy-tryptophan (5-HTP), which, in turn, is converted to serotonin. Serotonin is a neurotransmitter essential to regulating appetite, sleep, mood and pain levels.</p> <p>SWISS: N/A</p> <p>CAS: 50-67-9</p> <p>Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.</p> <p>5-羟色胺在神经组织中有重要的功能, 目前已肯定中枢神经系统有5-羟色胺能神经元。5-羟色胺可使大部分交感神经节前神经元兴奋, 而使付交感节前神经元抑制。常用于消化道神经内分泌细胞及其Tumour的研究。5-羟色胺, 又称血清素, 由消化道EC细胞所分泌。</p>
<p>Picture:</p>	 <p>The image is a light micrograph showing a field of cells. Many cells exhibit brown cytoplasmic or nuclear staining, characteristic of immunohistochemistry for serotonin. The nuclei are counterstained with hematoxylin, appearing purple. The background is a pale pinkish-purple. A scale bar in the bottom right corner indicates 20 µm.</p>

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(SL1126R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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