



IHC image in rat hippocampus

## 5-HT (Serotonin) 6 Receptor Antibody

<b>Catalog #</b>	24507	<b>Product type</b>	Primary antibodies
<b>Lot #</b>	1728001L	<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid (100 µL)	<b>Isotype</b>	IgG
<b>Host</b>	Rabbit	<b>Preservative</b>	≤ 0.02% sodium azide
<b>Reacts With</b>	Rat	<b>Antigen</b>	CLERPPGTPRHPPGPPLW

### INSTRUCTIONS

<b>Preparation</b>	<p>The antiserum is provided as 100 µL of affinity purified serum in PBS (0.02M sodium phosphate with 0.15 M sodium chloride, pH 7.5) with 1% BSA. Reconstitution is not required. Recommend briefly spinning tube (30 sec. 200xg) to collect contents at bottom of tube.</p> <p>Refer to the Instruction Manual available online at <a href="http://www.immunostar.com">www.immunostar.com</a> for information on tissue preparation, immunostaining techniques, troubleshooting, and formulas.</p>
--------------------	--

### APPLICATION

<b>Quality Control</b>	The ImmunoStar 5HT 6-receptor antibody was quality control tested using standard immunohistochemical methods. The antiserum demonstrates significant labeling of rat cortex, amygdala and hippocampus and other areas using indirect immunofluorescent and biotin/avidin-HRP techniques. The addition of intensifying reagents such as nickel ammonium sulfate to the chromogen solution will approximately double the dilution factor as recommended. Immunolabeling is completely abolished by preadsorption with synthetic rat 5HT6 receptor (CLERPPGTPRHPPGPPLW). Immunolabeling of western blot revealed a single band of approximately 53kD.
<b>Tissue</b>	Rat cortex, amygdala and hippocampus.
<b>Perfusion Fixation</b>	<ul style="list-style-type: none"> <li>Fixative: 4% paraformaldehyde in 0.1M phosphate buffer, pH 7.4; 500 mL over 20 min.</li> <li>Post Fixation: 1.5 hour at 4°C in 4% paraformaldehyde in 0.1M phosphate buffer, pH 7.4.</li> </ul>
<b>Sections</b>	50 µm vibratome
<b>Tissue Incubation</b>	48 hours at 2°–8° C
<b>Detection System</b>	Use Bn/Av-HRP at dilutions recommended by the manufacturer.
<b>Suggested Dilution</b>	1/500–1/1000 in PBS – Bn/Av-HRP immunohistochemistry

### NOTES

<b>Special Instructions</b>	It is recommended that the researcher perform a primary antibody dilution series using our dilution recommendations as a guideline. Note that a change in the fixation or buffering system from our protocol may change the configuration of the protein which could alter the reactivity with the tissue tested.
<b>Storage</b>	Store at 2 °–8°C until expiration date.
<b>Concentration</b>	300 µg/ml
<b>Journal References</b>	<a href="http://www.immunostar.com/publications">www.immunostar.com/publications</a>

*For Laboratory Reagent Use Only. Analytical and performance characteristics are not established.*

**ALL PRODUCTS ARE FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE**