



IHC image in rat hippocampus

5-HT (Serotonin) 6 Receptor Antibody

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

INSTRUCTIONS

Preparation	<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 www.immunostar.com for information on tissue preparation, immunostaining techniques, troubleshooting, and formulas.</p>
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APPLICATION

Quality Control	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. Due to the difficulty with receptor antibodies, western blot applications are not warranted and are included as specificity information only.
Tissue	Rat cortex, amygdala and hippocampus.
Perfusion Fixation	<ul style="list-style-type: none"> Fixative: 4% paraformaldehyde in 0.1M phosphate buffer, pH 7.4; 500 mL over 20 min. Post Fixation: 1.5 hour at 4°C in 4% paraformaldehyde in 0.1M phosphate buffer, pH 7.4.
Sections	50 µm vibratome
Tissue Incubation	48 hours at 2°–8° C
Detection System	Use Bn/Av-HRP at dilutions recommended by the manufacturer.
Suggested Dilution	1/500–1/1000 in PBS – Bn/Av-HRP immunohistochemistry

NOTES

Special Instructions	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.
Storage	Store at 2 °–8°C until expiration date.
Concentration	300 µg/ml
Journal References	www.immunostar.com/publications

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