



5HT 5A Receptor

Data Sheet

Catalog Number:	RA24429	Host:	Rabbit
Product Type:	Affinity Purified	Species	Mouse, Rat
Immunogen Sequence:	Rat 5HT 5A Receptor (17 – 34)	Reactivity:	
		Format:	Liquid 100 ul 1% bovine serum albumin (BSA). Reconstitution is not required
Applications:	Immunohistochemistry: Recommended Dilution 1/100 - 1/300 in PBS/0.03% Triton X-100 – Bn/Av-HRP Technique Western Blot: Recommended Dilution: 1/100 or greater		
Storage and Preparation:	Storage: Unopened vial at 2-8° C. Antibody can be stored for up to six months		

It is strongly recommended that the customer perform a primary antibody dilution series using our dilution recommendations as a guideline. Note that a change in the fixation or buffering system as used in our protocol may change the configuration of the protein and, therefore, may alter the reactivity with the tissue tested.

Application Notes for Immunohistochemistry

Antigen: The histochemical antibody for 5-HT5A receptor is generated in a rabbit against synthetic peptide sequence corresponding to amino acids 17-34 of the rat 5-HT5A receptor. Raised in rabbit

Control Tissue: The antiserum demonstrates positive labeling of rat cortex and hippocampus.

Perfusion Fixation: Fixative - 4% paraformaldehyde in 0.1 M Phosphate buffer, pH 7.4; 500 mL over approximately 20 minutes.

Post Fixation: 4% paraformaldehyde in 0.1 M Phosphate buffer, pH 7.4; 500 mL over approximately 20 minutes.

Post Fixation - 1.5 hour at 4° C. in 4% paraformaldehyde in 0.1 M phosphate buffer, pH 7.4.

Note: Paraformaldehyde is a necessary component in fixation of serotonin. If needed, low levels of glutaraldehyde (0.1-0.3%) may be used in conjunction with paraformaldehyde.

Sections: 50 µm vibratome

Antibody dilution: 1/100-1/300 in PBS/0.03% Triton X-100 - Bn-SA/HRP Technique

Absorption control: Synthetic rat 5HT 5A receptor (17-34).

Incubation on Tissue: 16-24 hours at 4° C.

Detection System

Use Bn-SA/HRP at dilutions recommended by the manufacturers.

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