



Anti - 5HT 2C Receptor

Data Sheet

Catalog Number:	RA24505	Host:	Rabbit
Product Type:	Affinity Purified	Species	Mouse, Rat
Immunogen Sequence:	Rat 5HT 2C Receptor (439 - 460)	Reactivity:	
		Format:	100ul Liquid

Applications: **Immunohistochemistry:**
 Recommended Dilution 1/500 - 1/1000 in PBS – 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-HT2C receptor is generated in a rabbit against synthetic peptide sequence corresponding to amino acids 439 - 460 of the rat 5-HT2C receptor. Raised in rabbit

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

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: 1/500-1/1000 in PBS - Bn-SA/HRP Technique

Absorption control: Synthetic rat 5HT 2C receptor (8 - 23).

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

Detection System

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