

Datasheet for ABIN7043622

**anti-Serotonin Receptor 3B antibody (Extracellular, N-Term)**[Go to Product page](#)**2** Images

## Overview

Quantity:	50 µL
Target:	Serotonin Receptor 3B (HTR3B)
Binding Specificity:	AA 213-226, Extracellular, N-Term
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)HIRQSSAGDFAQIR, corresponding to amino acid residues 213-226 of rat 5-Hydroxytryptamine receptor 3B
Isotype:	IgG
Characteristics:	Anti-5HT3B Receptor (HTR3B) (extracellular) Antibody (ABIN7043622 and ABIN7045285)) is a highly specific antibody directed against an epitope of rat Serotonin receptor 3B. The antibody can be used in western blot and immunohistochemistry applications. It recognizes an extracellular epitope and can potentially detect 5-HT3B in living cells. It has been designed to recognize 5-HT3B from rat and mouse samples. The antibody is unlikely to recognize the receptor from human samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

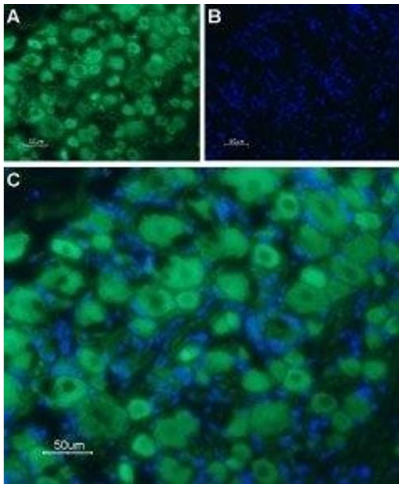
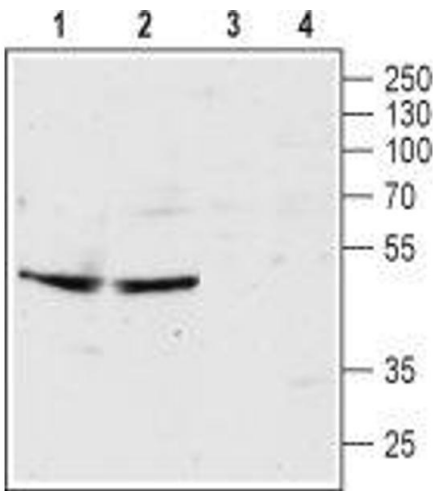
Target:	Serotonin Receptor 3B (HTR3B)
Alternative Name:	5HT3B Receptor (HTR3B) ( <a href="#">HTR3B Products</a> )
Background:	Alternative names: 5HT3B Receptor (HTR3B), 5-Hydroxytryptamine receptor 3B, Serotonin receptor 3B
Gene ID:	58963
NCBI Accession:	<a href="#">NM_006028</a>
UniProt:	<a href="#">Q9JJ16</a>
Pathways:	<a href="#">Synaptic Membrane</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.95 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



### Western Blotting

**Image 1.** Western blot analysis of rat hippocampus lysate (lanes 1 and 3) and mouse brain membrane (lanes 2 and 4):

- 1,2. Anti-5HT3B Receptor (HTR3B) (extracellular) Antibody (ABIN7043622 and ABIN7045285), (1:200).
- 3,4. Anti-5HT3B Receptor (HTR3B) (extracellular) Antibody, preincubated with 5HT3B Receptor/HTR3B (extracellular) Blocking Peptide (#BLP-SR032).

### Immunohistochemistry

**Image 2.** Expression of Serotonin receptor 3B in rat DRG - Immunohistochemical staining of rat dorsal root ganglion (DRG) frozen sections using Anti-5HT3B Receptor (HTR3B) (extracellular) Antibody (ABIN7043622 and ABIN7045285), followed by goat anti-rabbit-AlexaFluor-488 secondary antibody. A. 5-HT3B staining (green) appears in neuronal cell bodies. B. Nuclear staining using DAPI as the counter stain. C. Merged image of A and B.