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Datasheet for ABIN7261616

## anti-Serotonin Receptor 2B antibody

### 3 Images

#### Overview

Quantity:	200 µL
Target:	Serotonin Receptor 2B (HTR2B)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 2B antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant fusion protein of human HTR2B (NP_000858.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	Serotonin Receptor 2B (HTR2B)
Alternative Name:	HTR2B ( <a href="#">HTR2B Products</a> )
Background:	This gene encodes one of the several different receptors for 5-hydroxytryptamine (serotonin) that belongs to the G-protein coupled receptor 1 family. Serotonin is a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. Serotonin receptors mediate many of the central and peripheral physiologic functions of serotonin, including regulation of

## Target Details

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cardiovascular functions and impulsive behavior. Population and family-based analyses of a minor allele (glutamine-to-stop substitution, designated Q20\*) which blocks expression of this protein, and knockout studies in mice, suggest a role for this gene in impulsivity. However, other factors, such as elevated testosterone levels, may also be involved. Alternatively spliced transcript variants have been found for this gene.

Gene ID: 3357

UniProt: [P41595](#)

Pathways: [JAK-STAT Signaling](#), [Inositol Metabolic Process](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Regulation of Carbohydrate Metabolic Process](#)

## Application Details

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Application Notes: IHC 1:50-1:200 IF 1:10-1:100

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

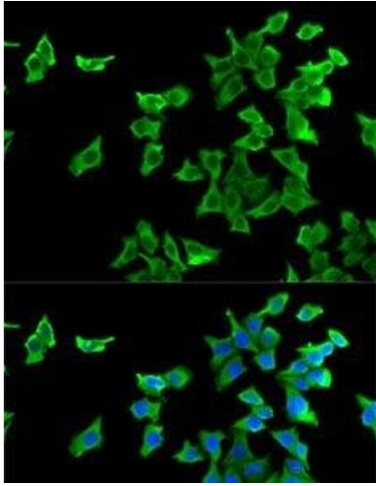
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

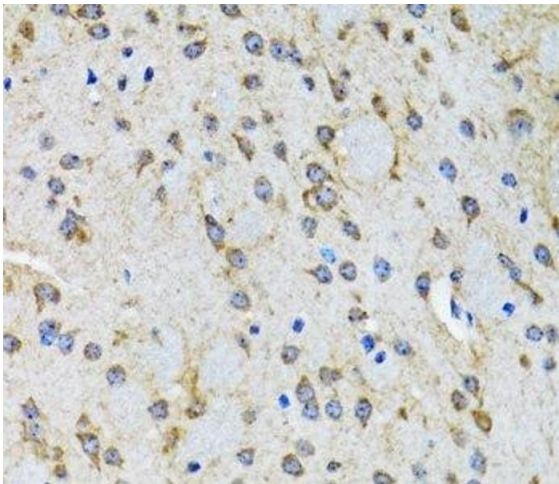
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



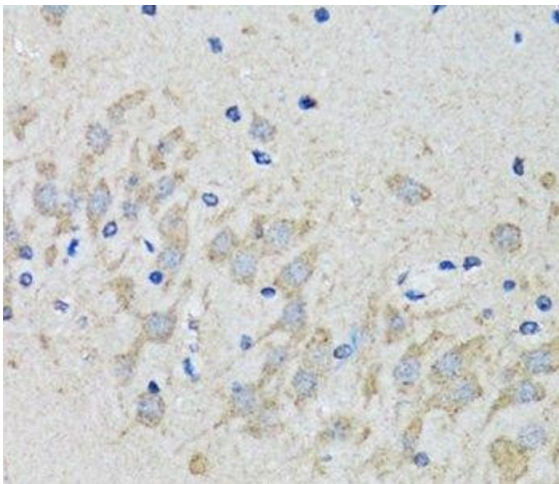
#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using HTR2B Polyclonal Antibody



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Rat brain using HTR2B Polyclonal Antibody at dilution of 1:100 (40x lens).



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Mouse brain using HTR2B Polyclonal Antibody at dilution of 1:100 (40x lens).