

Datasheet for ABIN926976

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

Overview

Quantity:	100 µL
Target:	Serotonin Receptor 3A (HTR3A)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 3A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	HTR3 A antibody was raised in rabbit using the N terminal of HTR3 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Dog (Canine)
Purification:	Purified

Target Details

Target:	Serotonin Receptor 3A (HTR3A)
Alternative Name:	HTR3A (HTR3A Products)
Background:	HTR3A belongs to the ligand-gated ion channel receptor superfamily. It is the subunit A of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It appears that the heteromeric combination of A and B subunits is

Target Details

necessary to provide the full functional features of this receptor, since either subunit alone results in receptors with very low conductance and response amplitude. Alternatively spliced transcript variants encoding different isoforms have been identified. Synonyms: Polyclonal HTR3A antibody, Anti-HTR3A antibody, 5-hydroxytryptamine, serotonin receptor 3A antibody.

Pathways: [Synaptic Membrane](#)

Application Details

Application Notes: WB: 0.2-1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: HTR3A Blocking Peptide, catalog no. 33R-5161, is also available for use as a blocking control in assays to test for specificity of this HTR3A antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

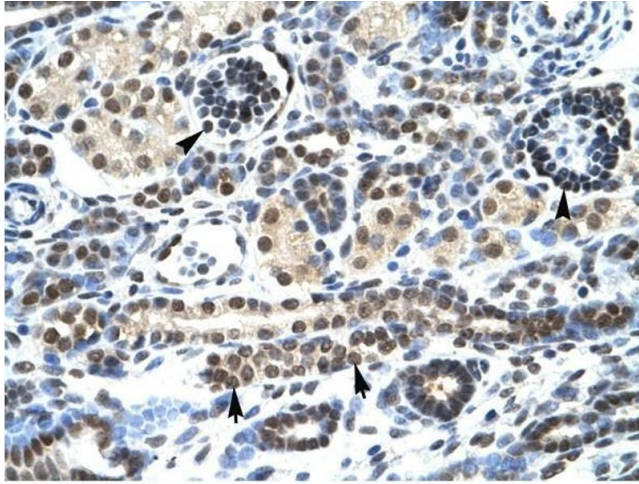
Concentration: Lot specific

Buffer: Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

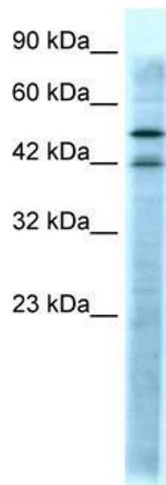
Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Immunohistochemistry

Image 1. HTR3A antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (Indicated with Arrows] and renal corpuscle (Indicated with Arrow Heads) in Human Kidney. Magnification is at 400X



Western Blotting

Image 2. HTR3A antibody (70R-10552) used at 0.2-1 ug/ml to detect target protein.