

## Datasheet for ABIN926975 **anti-HTR2A antibody (N-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	HTR2A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTR2A antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	HTR2 A antibody was raised in rabbit using the N terminal of HTR2 as the immunogen
Cross-Reactivity:	Mouse (Murine), Pig (Porcine), Cow (Bovine)
Purification:	Purified

#### Target Details

Target:	HTR2A
Alternative Name:	HTR2A ( <a href="#">HTR2A Products</a> )
Background:	HTR2A belongs to the G-protein coupled receptor 1 family. It is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. This

## Target Details

receptor is involved in tracheal smooth muscle contraction, bronchoconstriction, and control of aldosterone production. Synonyms: Polyclonal HTR2A antibody, Anti-HTR2A antibody, 5-hydroxytryptamine, serotonin receptor 2A antibody, 5-HT2A antibody, HTR2 antibody.

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

## Application Details

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

Comment: HTR2A Blocking Peptide, catalog no. 33R-1998, is also available for use as a blocking control in assays to test for specificity of this HTR2A 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.

## Images



### Western Blotting

**Image 1.** HTR2A antibody (70R-10551) used at 0.2-1 ug/ml to detect target protein.