

Datasheet for ABIN926963

anti-Serotonin Receptor 4 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Serotonin Receptor 4 (HTR4)
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Cow, Pig, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	HTR4 antibody was raised in rabbit using the middle region of HTR4 as the immunogen
Cross-Reactivity:	Rat (Rattus), Mouse (Murine), Dog (Canine), Pig (Porcine), Cow (Bovine)
Purification:	Purified

Target Details

Target:	Serotonin Receptor 4 (HTR4)
Alternative Name:	HTR4 (HTR4 Products)
Background:	HTR4 is a member of the family of serotonin receptors, which are G protein coupled receptors that stimulate cAMP production in response to serotonin (5-hydroxytryptamine). The protein is a glycosylated transmembrane protein that functions in both the peripheral and central nervous system to modulate the release of various neurotransmitters. Multiple transcript variants

Target Details

encoding proteins with distinct C-terminal sequences have been described, but the full-length nature of some transcript variants has not been determined. Synonyms: Polyclonal HTR4 antibody, Anti-HTR4 antibody, 5-hydroxytryptamine, serotonin receptor 4 antibody, 5-HT4 antibody, 5-HT4R antibody.

Pathways: [JAK-STAT Signaling](#), [cAMP Metabolic Process](#), [S100 Proteins](#)

Application Details

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

Comment: HTR4 Blocking Peptide, catalog no. 33R-3194, is also available for use as a blocking control in assays to test for specificity of this HTR4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

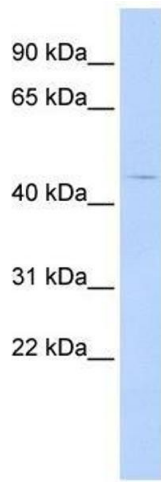
Concentration: Lot specific

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.



Western Blotting

Image 1. Western Blot showing HTR4 antibody used at a concentration of 1-2 ug/ml to detect its target protein.