

## Product datasheet for **TA329997**

### 5HT5A receptor (HTR5A) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HTR5A antibody: synthetic peptide directed towards the N terminal of human HTR5A. Synthetic peptide located within the following region: DLPVNLTFSLSLSTPSPLETNHSLGKDDLRPSSPLLSVFGVLILTLLGFLV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40 kDa
Gene Name:	5-hydroxytryptamine receptor 5A
Database Link:	<a href="#">NP_076917</a> <a href="#">Entrez Gene 3361 Human P47898</a>



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**Background:**

The neurotransmitter serotonin (5-hydroxytryptamine, 5-HT) has been implicated in a wide range of psychiatric conditions and also has vasoconstrictive and vasodilatory effects. HTR5A is a member of 5-hydroxytryptamine (serotonin) receptor family. It is a multi-pass membrane protein that functions as a receptor for 5-hydroxytryptamine and couples to G-proteins. This protein has been shown to function in part through the regulation of intracellular Ca<sup>2+</sup> mobilization. The neurotransmitter serotonin (5-hydroxytryptamine, 5-HT) has been implicated in a wide range of psychiatric conditions and also has vasoconstrictive and vasodilatory effects. The gene described in this record is a member of 5-hydroxytryptamine (serotonin) receptor family and encodes a multi-pass membrane protein that functions as a receptor for 5-hydroxytryptamine and couples to G-proteins. This protein has been shown to function in part through the regulation of intracellular Ca<sup>2+</sup> mobilization. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ\_SPAN PRIMARY\_IDENTIFIER PRIMARY\_SPAN COMP 1-1213 BC112021.1 1-1213 1214-1342 AC093726.3 158913-159041 1343-1935 AC092628.3 1996-2588 1936-2400 AK094255.1 2447-2911

**Synonyms:**

5-HT5A

**Note:**

Immunogen sequence homology: Human: 100%; Guinea pig: 80%

**Protein Families:**

Druggable Genome, GPCR, Transmembrane

**Protein Pathways:**

Calcium signaling pathway, Neuroactive ligand-receptor interaction

**Product images:**

WB Suggested Anti-HTR5A Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Human Muscle