

Product datasheet for **TA331757**

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: MDLPVNLTSFSLSTPSPLETNHSGLKDDLRPSSPLLSVFGVLITLLGFL
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:	NP_076917 Entrez Gene 3361 Human P47898
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 ²⁺ mobilization.
Synonyms:	5-HT5A



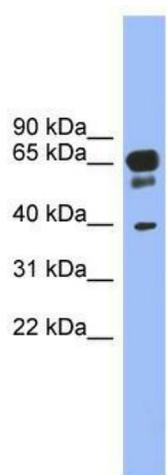
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Note: Immunogen sequence homology: Human: 100%; Pig: 85%; Guinea pig: 85%; Rat: 79%; Horse: 79%; Mouse: 79%

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: 12500; Positive Control: Human Stomach