

## Product datasheet for **TA329996**

### 5HT3A receptor (HTR3A) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HTR3A antibody: synthetic peptide directed towards the N terminal of human HTR3A. Synthetic peptide located within the following region: LLLPTLLAQGEARRSRNTTRPALLRLSDYLLTNYRKGVRPVRDWRKPTTV
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:	55 kDa
Gene Name:	5-hydroxytryptamine receptor 3A
Database Link:	<a href="#">NP_000860</a> <a href="#">Entrez Gene 3359 Human</a> <a href="#">P46098</a>
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 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.



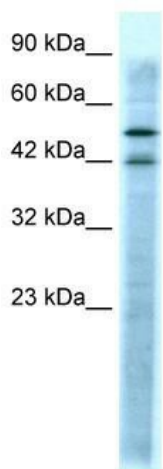
[View online »](#)

**Synonyms:** 5-HT-3; 5-HT3A; 5-HT3R; 5HT3R; HTR3

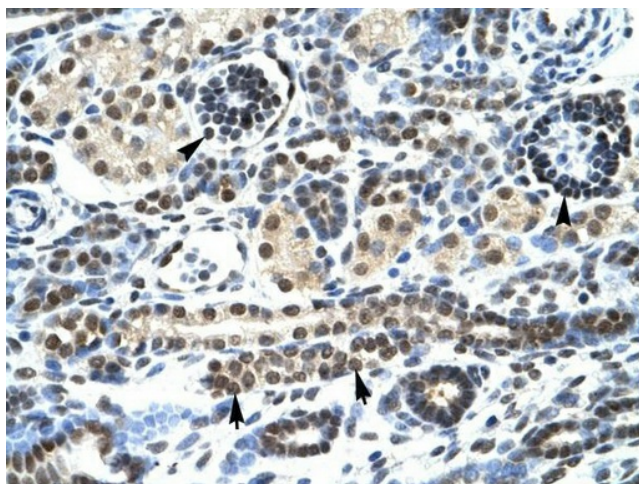
**Note:** Immunogen sequence homology: Human: 100%; Horse: 91%; Bovine: 78%; Dog: 78%; Mouse: 78%; Rat: 78%

**Protein Families:** Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane

**Product images:**



WB Suggested Anti-HTR3A Antibody Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell lysate



Human kidney