

## Product datasheet for **TA302602**

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

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:128,000. WB: 0.3-1µg/ml.
Reactivity:	Human, Rat
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-GPQDFEKSPPDR, from the internal region of the protein sequence according to NP_998786.1; NP_000860.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62016 Da
Gene Name:	5-hydroxytryptamine receptor 3A
Database Link:	<a href="#">NP_998786</a> <a href="#">Entrez Gene 79246 Rat</a> <a href="#">Entrez Gene 3359 Human</a> <a href="#">P46098</a>



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**Background:**

The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes 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. [provided by RefSeq]

**Synonyms:**

5-HT-3; 5-HT3A; 5-HT3R; 5HT3R; HTR3

**Protein Families:**

Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane

**Product images:**

TA302602 (0.3ug/ml) staining of Human Colon lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.