

Product datasheet for **TA323542**

5HT3A receptor (HTR3A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: TM4 cell lysate IHC: 40-200 Positive control: Human tonsil Predicted cell location: Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 322-455 amino acids of human 5-hydroxytryptamine (serotonin) receptor 3A, ionotropic
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	5-hydroxytryptamine receptor 3A
Database Link:	NP_000860 Entrez Gene 15561 Mouse Entrez Gene 79246 Rat Entrez Gene 3359 Human P46098



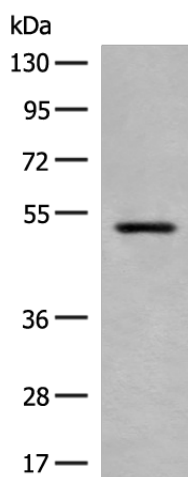
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Background: The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit A of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, 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.

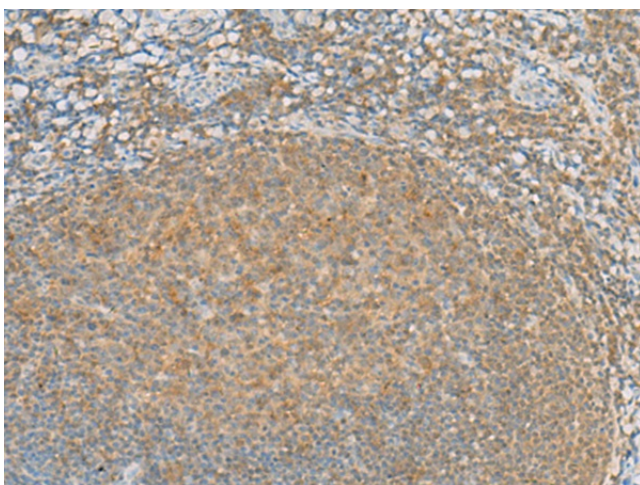
Synonyms: 5-HT-3; 5-HT3A; 5-HT3R; 5HT3R; HTR3

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

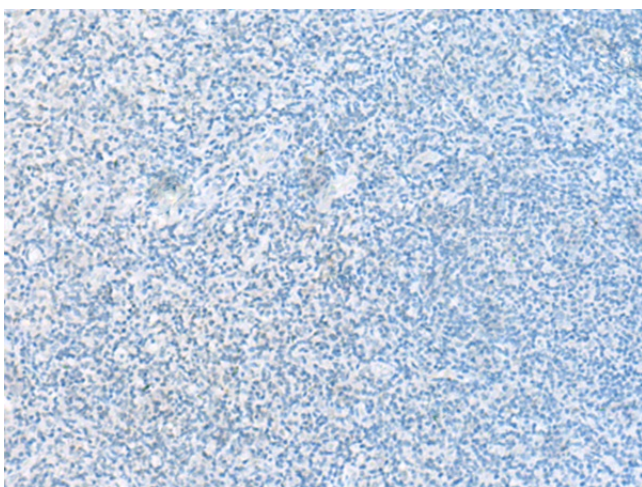
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: TM4 cell lysate
Primary antibody: TA323542 (HTR3A Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA323542 (HTR3A Antibody) at dilution 1/60 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA323542 (HTR3A Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)