

Product datasheet for **TA349669S**

HTR3C Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human cerebrum tissue lysate IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human HTR3C
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	5-hydroxytryptamine receptor 3C
Database Link:	NP_570126 Entrez Gene 170572 Human Q8WXA8

Background: The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit C 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. Genes encoding subunits C, D and E form a cluster on chromosome 3.

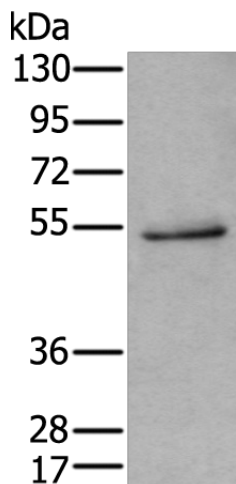


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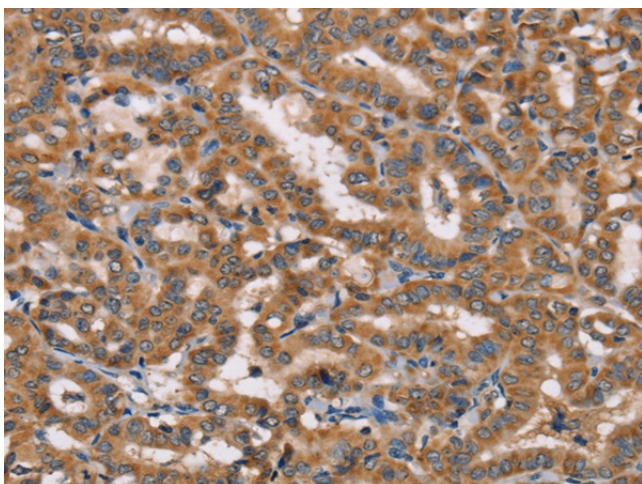
Synonyms: 5-hydroxytryptamine (serotonin) receptor 3; 5-hydroxytryptamine receptor 3 subunit C; family member C

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

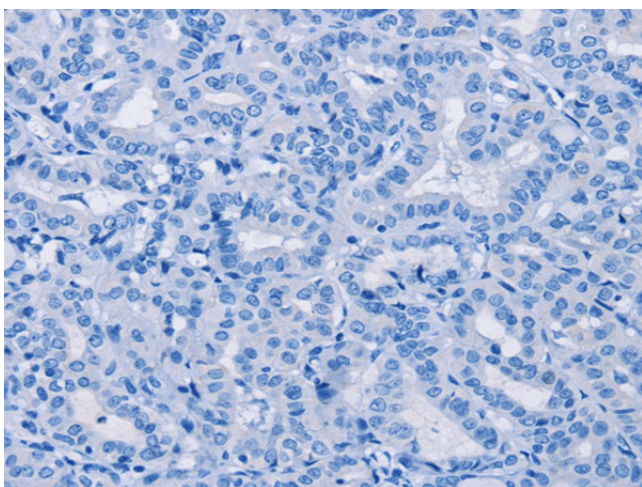
Product images:



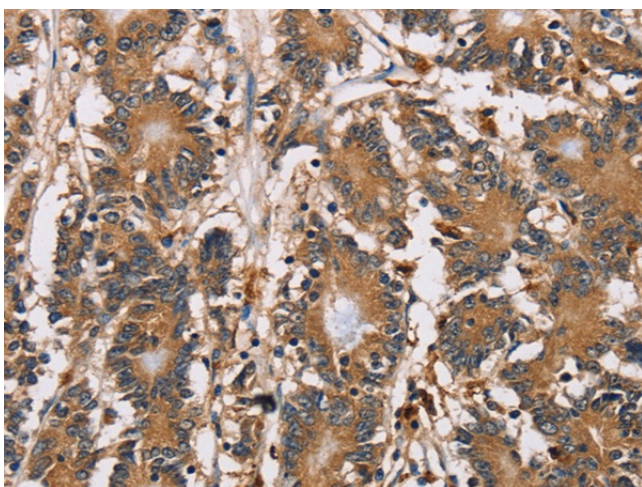
Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: Human cerebrum tissue lysate
Primary antibody: [TA349669] (HTR3C Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 2 minutes



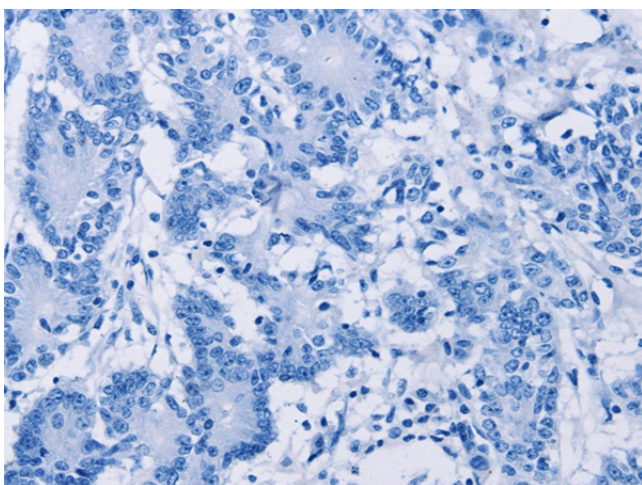
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349669] (HTR3C Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349669] (HTR3C Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA349669] (HTR3C Antibody) at dilution 1/40 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA349669] (HTR3C Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: x200)