

## Product datasheet for **TA323344S**

### 5HT4 Receptor (HTR4) Rabbit Polyclonal Antibody

#### Product data:

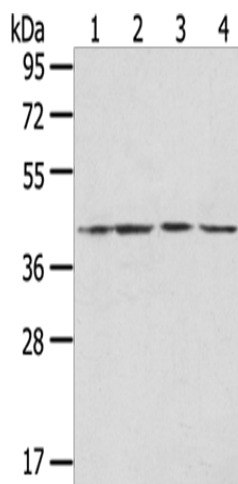
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Hela, 293T, A549 and Jurkat cells
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 45-59 amino acids of Human 5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% 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:	44 kDa
Gene Name:	5-hydroxytryptamine receptor 4
Database Link:	<a href="#">NP_001035263</a> <a href="#">Entrez Gene 15562 Mouse</a> <a href="#">Entrez Gene 25324 Rat</a> <a href="#">Entrez Gene 3360 Human</a> <a href="#">Q13639</a>
Background:	This gene is a member of the family of serotonin receptors; which are G protein coupled receptors that stimulate cAMP production in response to serotonin (5-hydroxytryptamine). The gene product is a glycosylated transmembrane protein that functions in both the peripheral and central nervous system to modulate the release of various neurotransmitters. Multiple transcript variants encoding proteins with distinct C-terminal sequences have been described.
Synonyms:	5-HT4; 5-HT4R
Protein Families:	Druggable Genome, GPCR, Transmembrane



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Protein Pathways: Calcium signaling pathway, Neuroactive ligand-receptor interaction

### Product images:



Gel: 8%SDS-PAGE

Lysate: 40  $\mu$ g

Lane 1-4: HeLa cells

293T cells

A549 cells

Jurkat cells

Primary antibody: [TA323344] (HTR4 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 3 minutes