

## Product datasheet for **TA350954S**

### HTR2C Rabbit Polyclonal Antibody

#### Product data:

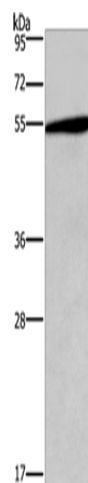
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Jurkat cells
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human HTR2C
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
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:	52 kDa
Gene Name:	5-hydroxytryptamine receptor 2C
Database Link:	<a href="#">NP_000859</a> <a href="#">Entrez Gene 15560 Mouse</a> <a href="#">Entrez Gene 25187 Rat</a> <a href="#">Entrez Gene 3358 Human</a> <a href="#">P28335</a>
Background:	Serotonin (5-hydroxytryptamine, 5-HT), a neurotransmitter, elicits a wide array of physiological effects by binding to several receptor subtypes, including the 5-HT <sub>2</sub> family of seven-transmembrane-spanning, G-protein-coupled receptors, which activate phospholipase C and D signaling pathways. This gene encodes the 2C subtype of serotonin receptor and its mRNA is subject to multiple RNA editing events, where genomically encoded adenosine residues are converted to inosines.
Synonyms:	5-HT <sub>1C</sub> ; 5-HT <sub>2C</sub> ; 5-HTR <sub>2C</sub> ; 5HTR <sub>2C</sub> ; HTR <sub>1C</sub>
Protein Families:	Druggable Genome, GPCR, Transmembrane



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

**Product images:**



Gel: 8%SDS-PAGE  
Lysate: 60  $\mu$ g  
Lane: Jurkat cells  
Primary antibody: [TA350954] (HTR2C Antibody)  
at dilution 1/300  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 1 minute