

Product datasheet for **TA329998**

5HT7 Receptor (HTR7) Rabbit Polyclonal Antibody

Product data:

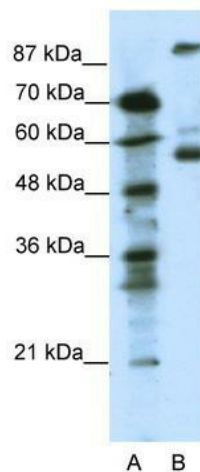
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HTR7 antibody: synthetic peptide directed towards the N terminal of human HTR7. Synthetic peptide located within the following region: HLLSEVTASPAPTWDAPPDNASGCGEQINYGRVEKVVIGSILTLLTI
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54 kDa
Gene Name:	5-hydroxytryptamine receptor 7
Database Link:	NP_062873 Entrez Gene 3363 Human P34969
Background:	This is one of the several different receptors for 5- hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by g proteins that stimulate adenylate cyclase.
Synonyms:	5-HT7
Note:	Immunogen sequence homology: Dog: 100%; Human: 100%; Mouse: 92%; Rat: 92%; Horse: 85%; Pig: 85%
Protein Families:	Druggable Genome, GPCR, Transmembrane



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

Product images:



WB Suggested Anti-HTR7 Antibody Titration:
0.125 ug/ml; ELISA Titer: 1:1562500; Positive
Control: Jurkat cell lysate