

Product datasheet for TA329175

HTR2B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB, IF
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HTR2B antibody: synthetic peptide directed towards the N terminal of human HTR2B. Synthetic peptide located within the following region: QTESIPEEMKQIVEEQGNKLHWAALLILMVIIPTIGGNTLVILAVSLEKK
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 2B
Database Link:	NP_000858 Entrez Gene 15559 Mouse Entrez Gene 3357 Human P41595
Background:	Multiple receptor subtypes of serotonin neurotransmitters with multiple physiologic functions have been recognized. The 5-HT-2 receptors mediate many of the central and peripheral physiologic functions of serotonin. Cardiovascular effects include contraction of blood vessels and shape changes in platelets; central nervous system effects include neuronal sensitization to tactile stimuli and mediation of hallucinogenic effects of phenylisopropylamine hallucinogens.
Synonyms:	5-HT(2B); 5-HT2B



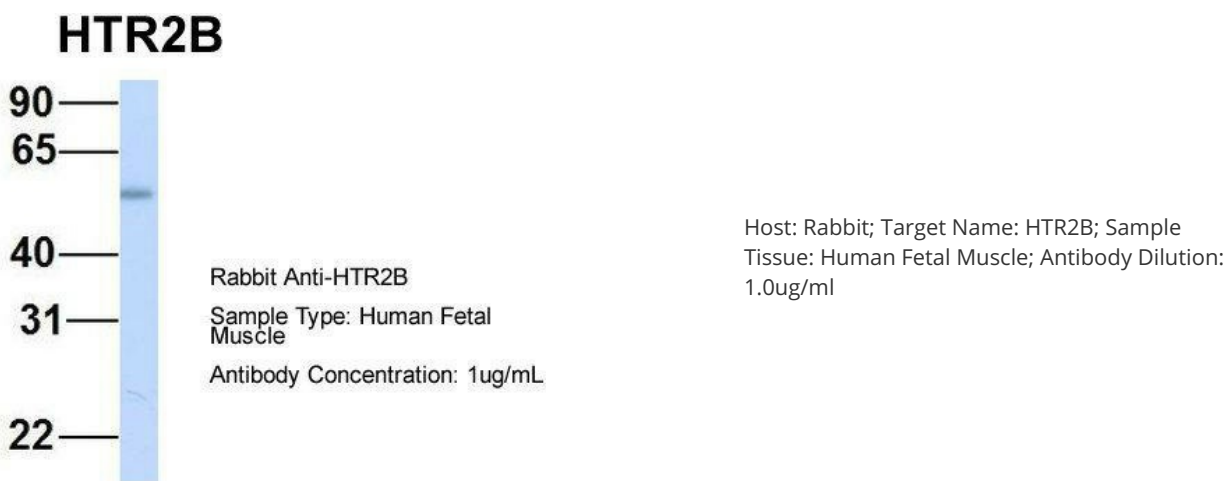
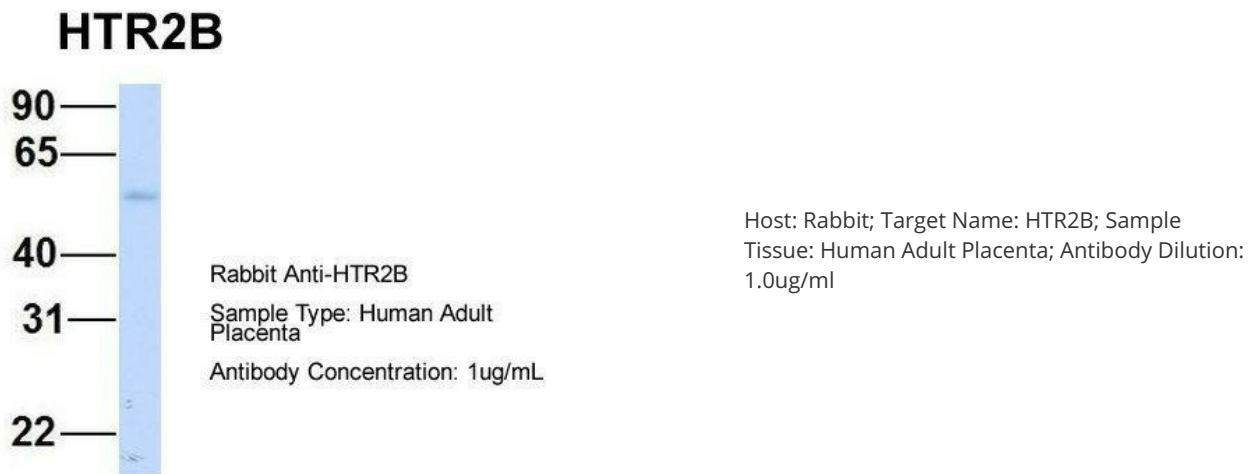
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Note: Immunogen sequence homology: Human: 100%; Bovine: 100%; Horse: 93%; Pig: 87%; Guinea pig: 85%; Dog: 80%

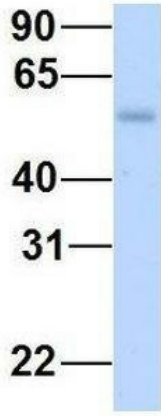
Protein Families: Druggable Genome, Transmembrane

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

Product images:

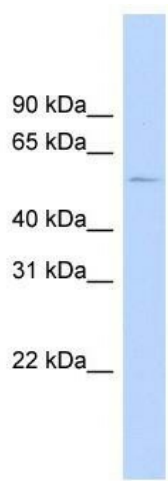


HTR2B

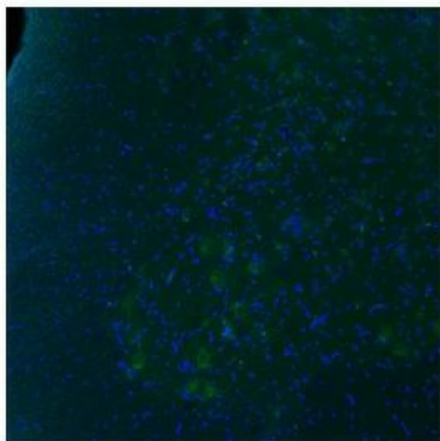


Rabbit Anti-HTR2B
Sample Type: Human Fetal Lung
Antibody Concentration: 1ug/mL

Host: Rabbit; Target Name: HTR2B; Sample Tissue: Human Fetal Lung; Antibody Dilution: 1.0ug/ml



WB Suggested Anti-HTR2B Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:12500; Positive Control: 721_B cell lysate HTR2B is supported by BioGPS gene expression data to be expressed in 721_B



Immunofluorescence-- 1.3ug/mL