

SR-2B Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08535
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HTR2B. AA range:15-64
Mol wt	54298
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	SR-2B Antibody
Synonyms	HTR2B; 5-hydroxytryptamine receptor 2B; 5-HT-2B; 5-HT2B; Serotonin receptor 2B

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

HTR2B encodes one of the several different receptors for 5-hydroxytryptamine (serotonin) that belongs to the G-protein coupled receptor 1 family. Serotonin is a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. Serotonin receptors mediate many of the central and peripheral physiologic functions of serotonin, including regulation of cardiovascular functions and impulsive behavior. Population and family-based analyses of a minor allele (glutamine-to-stop substitution, designated Q20*) which blocks expression of this protein, and knockout studies in mice, suggest a role for this gene in impulsivity. However, other factors, such as elevated testosterone levels, may also be involved. Alternatively spliced transcript variants have been found for this gene.

Recommended Dilution

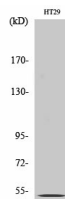
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

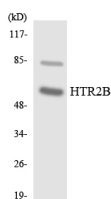
ELISA: 1: 10000

Not yet tested in other applications.

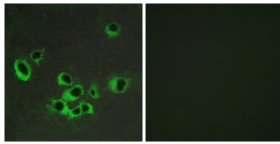
Images



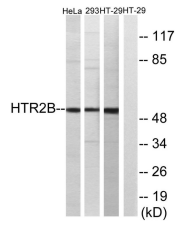
Western Blot analysis of various cells using SR-2B Polyclonal Antibody



Western blot analysis of the lysates from COLO205 cells using HTR2B antibody.



Immunofluorescence analysis of COS7 cells, using HTR2B Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HT-29, 293, and HeLa cells, using HTR2B Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com