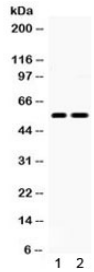
5HT2B Receptor Antibody (R32094)

Catalog No.	Formulation	Size
R32094	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P41595
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This 5HT2B Receptor antibody is available for research use only.



Western blot testing of 1) rat brain and 2) human U87 lysate with 5HT2B Receptor antibody. Predicted/observed molecular weight ~54 kDa.

Description

5HT2B Receptor is known as HTR2B. This gene 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.

Application Notes

Optimal dilution of the 5HT2B Receptor antibody should be determined by the researcher.

Immunogen

Amino acids MRLRSSTIQSSSIILLDTLLLTENEGDKTEEQ V of human 5HT2B Receptor were used as the immunogen for the 5HT2B Receptor antibody.

Storage

After reconstitution, the 5HT2B Receptor antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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