

HTR2B Rabbit Polyclonal Antibody



CAB2651

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

54kDa

Calculated MW:

54kDa

Applications:

WB

Reactivity:

Human, Mouse

Protein Background

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. Alternatively spliced transcript variants have been found for this gene.

Immunogen information

Gene ID:

3357

Uniprot

P41595

Antibody Information

Recommended dilutions:

WB 1:200 - 1:1000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Synonyms:

HTR2B; 5-HT(2B); 5-HT-2B; 5-HT2B

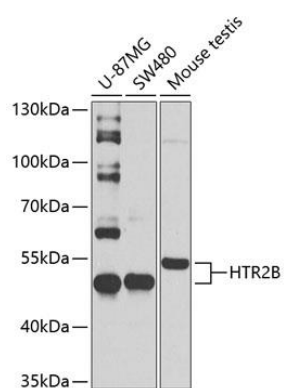
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 233-330 of human HTR2B (NP_000858.3).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using HTR2B Antibody (CAB2651) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.