

For Research Use Only

HTR2B Recombinant monoclonal antibody

Catalog Number:87277-1-RR



Basic Information

Catalog Number:

87277-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24007

GenBank Accession Number:

BC063123

GeneID (NCBI):

3357

UNIPROT ID:

P41595

Full Name:

5-hydroxytryptamine (serotonin) receptor 2B

Calculated MW:

54 kDa

Observed MW:

57 kDa

Purification Method:

Protein A purification

CloneNo.:

252478D4

Recommended Dilutions:

WB: 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HepG2 cells, HT-29 cells

Background Information

The serotonin (5-HT) gene has been implicated in the development of personality traits or temperament predisposition. HTR2B(serotonin receptor 2B) has been shown that 3,4-methylene-dioxymethamphetamine, commonly referred to as the drug ecstasy, selectively binds and activates 5-HT2B receptors to induce serotonin release in mouse raphe nuclei, which leads to dopamine release in the nucleus accumbens and ventral tegmentum (PMID:23774082). Moreover, One of the most reliable predictive markers of UM (Uveal melanoma) at risk of evolving toward the formation of liver lesions is an abnormally elevated level of expression of the transcript encoding the HTR2B (PMID:31002821).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

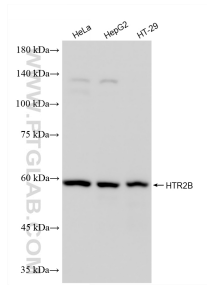
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87277-1-RR (HTR2B antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.