

For Research Use Only

HTR1B Polyclonal antibody

Catalog Number: 22189-1-AP

3 Publications



Basic Information

Catalog Number:

22189-1-AP

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16753

GenBank Accession Number:

BC096207

GeneID (NCBI):

3351

UNIPROT ID:

P28222

Full Name:

5-hydroxytryptamine (serotonin)
receptor 1B

Calculated MW:

390 aa, 44 kDa

Observed MW:

40-44 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : human placenta tissue, mouse placenta tissue

Background Information

HTR1B, also known as 5-HT1B, 5-HT1DB, HTR1D2, HTR1DB, and S12, belongs to the G-protein coupled receptor 1 family. HTR1B is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of HTR1B is mediated by G proteins that inhibit adenylate cyclase activity.

Notable Publications

Author	Pubmed ID	Journal	Application
Huiduo Guo	34695613	Ecotoxicol Environ Saf	WB
Daniel Kalinowski	39474697	Eur J Neurosci	IHC
Si-Min Ding	39022094	Heliyon	WB, IHC

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

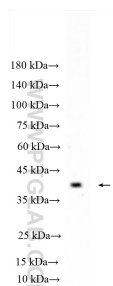
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 22189-1-AP (HTR1B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.