

HTR1B Polyclonal antibody

Catalog Number: 22189-1-AP

1 Publications

Basic Information

Catalog Number:

22189-1-AP

Size:

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

Species Specificity:

human, mouse

Cited Species:

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

Storage

Storage:

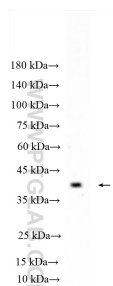
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

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.