

For Research Use Only

HTR1B Polyclonal antibody

Catalog Number: 22189-1-AP **1 Publications**



Basic Information

Catalog Number: 22189-1-AP	GenBank Accession Number: BC096207	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3351	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: 5-hydroxytryptamine (serotonin) receptor 1B	
Isotype: IgG	Calculated MW: 390 aa, 44 kDa	
Immunogen Catalog Number: AG16753	Observed MW: 40-44 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human placenta tissue, mouse placenta tissue
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: mouse	

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

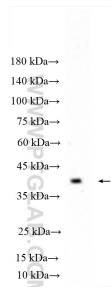
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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



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.