

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: 1000 µg/ml	GeneID (NCBI): 3351	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: P28222	
Isotype: IgG	Full Name: 5-hydroxytryptamine (serotonin) receptor 1B	
Immunogen Catalog Number: AG16753	Calculated MW: 390 aa, 44 kDa	
	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

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

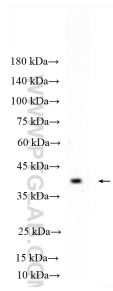
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Selected Validation Data



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.