

For Research Use Only

HTR7 Polyclonal antibody

Catalog Number: 29238-1-AP



Basic Information

Catalog Number: 29238-1-AP	GenBank Accession Number: BC047526	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 3363	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P34969	
Isotype: IgG	Full Name: 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled)	
Immunogen Catalog Number: AG30856	Calculated MW: 445 aa, 49 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse cerebellum tissue, mouse brain tissue
Species Specificity: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

The 5-hydroxytryptamine receptor 7 (HTR7), also known as 5-HT7, is a G protein-coupled receptor that is activated by the neurotransmitter serotonin (5-HT). It is involved in the G protein-coupled receptor signaling pathway, coupled to cyclic nucleotide second messenger and chemical synaptic transmission. It is expressed in several structures, including adipose tissue, the alimentary system, the brain, the immune system, and the reproductive system.

Storage

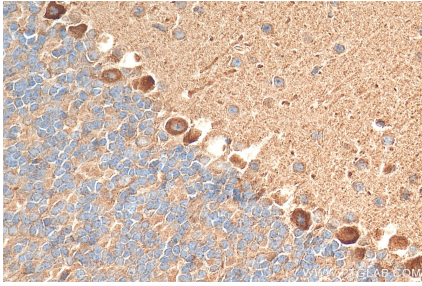
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

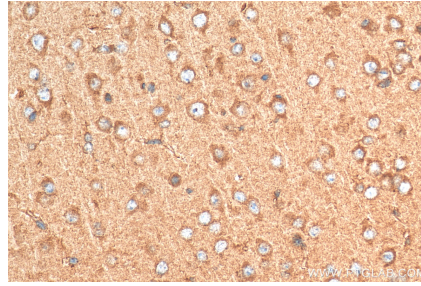
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 29238-1-AP (HTR7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29238-1-AP (HTR7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).