

For Research Use Only

NPY5R Polyclonal antibody

Catalog Number: 30848-1-AP



Basic Information

Catalog Number: 30848-1-AP	GenBank Accession Number: BC042416	Purification Method: Antigen affinity Purification
Concentration: 500 ug/ml	GeneID (NCBI): 4889	Recommended Dilutions: WB: 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q15761	IHC: 1:200-1:800
Isotype: IgG	Full Name: neuropeptide Y receptor Y5	IF/ICC: 1:50-1:500
Immunogen Catalog Number: AG5428	Calculated MW: 51 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : mouse spinal cord tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse brain tissue,
	IF/ICC : BxPC-3 cells,

Background Information

Neuropeptide Y receptor Y5 (NPY5R) is a G protein-coupled receptor (GPCR) that belongs to the neuropeptide Y receptor family and is primarily involved in regulating food intake, energy metabolism, and various physiological processes.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

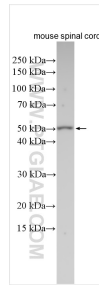
T: 4006900926

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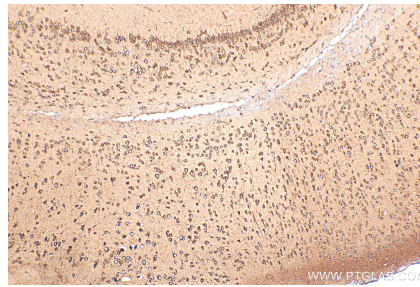
W: ptgcn.com

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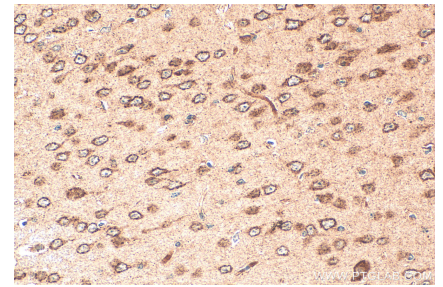
Selected Validation Data



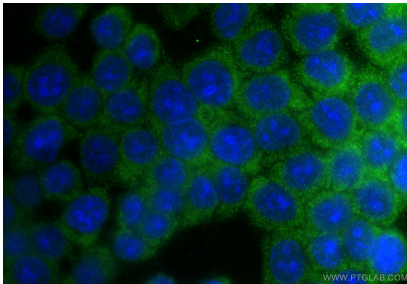
mouse spinal cord tissue was subjected to SDS PAGE followed by western blot with 30848-1-AP (NPY5R antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 30848-1-AP (NPY5R antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 30848-1-AP (NPY5R antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed BxPC-3 cells using NPY5R antibody (30848-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).