

Galanin Polyclonal antibody

Catalog Number: 13307-1-AP

Basic Information

Catalog Number: 13307-1-AP	GenBank Accession Number: BC030241	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 51083	Recommended Dilutions: IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: P22466	
Isotype: IgG	Full Name: galanin prepropeptide	
Immunogen Catalog Number: AG4136	Calculated MW: 123 aa, 13 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human pituitary adenoma tissue,
Species Specificity: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

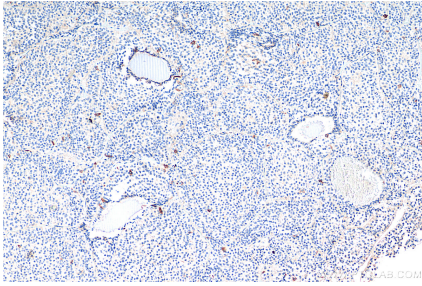
Background Information

Galanin is a neuroendocrine peptide that is widely expressed in the central and peripheral nervous systems and also the gastrointestinal tract, pancreas, adrenal gland and urogenital tract. The encoded protein is a precursor that is proteolytically processed to generate two mature peptides: galanin and galanin message-associated peptide (GMAP). Galanin has diverse physiological functions including nociception, feeding and energy homeostasis, osmotic regulation and water balance. GMAP has been demonstrated to possess antifungal activity and hypothesized to be part of the innate immune system

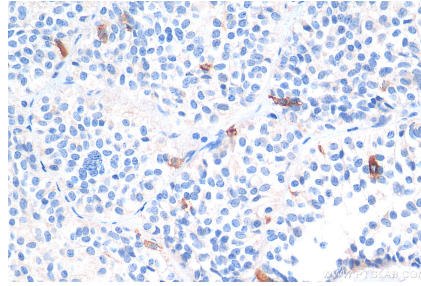
Storage

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

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pituitary adenoma tissue slide using 13307-1-AP (Galanin 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 human pituitary adenoma tissue slide using 13307-1-AP (Galanin antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).