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GAL Rabbit pAb

Catalog # AP98403

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P22466
Other Accession	P22466
Reactivity	Rat, Mouse
Predicted	Pig, Human, Chicken, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13302
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Galanin
Epitope Specificity	33-62/123
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the galanin family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Galanin is small neuropeptide that functions as a cellular messenger within the central and peripheral nervous systems, modulating diverse physiologic functions (Mechenthaler, 2008 [PubMed 18500643]).[supplied by OMIM, Jan 2009]

Additional Information

Gene ID	51083
Other Names	GALN; ETL8; GAL-GMAP; GLNN; GMAP; GALA_BOVIN; GAL; GALA_HUMAN; GAL1; GALA_MOUSE; GALA_RAT; galanin and GMAP prepropeptide; galanin; galanin-message-associated peptide
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GAL
Synonyms	GAL1, GALN, GLNN

Function	Endocrine hormone of the central and peripheral nervous systems that binds and activates the G protein-coupled receptors GALR1, GALR2, and GALR3. This small neuropeptide may regulate diverse physiologic functions including contraction of smooth muscle of the gastrointestinal and genitourinary tract, growth hormone and insulin release and adrenal secretion.
Cellular Location	Secreted

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.