

## Polyclonal Antibody to Galanin

<b>Alternate names:</b>	GAL, GAL1, GALN, GLNN, Galanin
<b>Catalog No.:</b>	SP1219
<b>Quantity:</b>	0.1 ml
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Natural porcine galanin

Format: This antibody is supplied as liquid, whole serum with 0.09% sodium azide as preservative.

**Applications:** Immunohistochemistry on frozen (1/800 - 1/1600) and paraffin embedded tissues (1/100 - 1/1200). This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen heat mediated antigen retrieval prior to staining of paraffin sections. Recommended Positive Control Tissue: Human Rectum. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.  
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**Specificity:** Recognises both natural and synthetic galanin. Immunostaining is abolished by pre-incubation with 1 nmol galanin per ml diluted antibody. Galanin (10-29) and the cholecystokinin peptides (CCK-39 and CCK-8), have no effect on immunostaining when used at 10 nmol/ml diluted antiserum. Recognises galanin in human, rat, pig, cat and monkey. Antibody reactivity and working conditions may vary between species.

**Storage:** Store the antibody at 4-8°C for one month or at -20°C for longer. This product should be stored undiluted. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**General Readings:** 1. Hacker GW, Bishop AE, Terenghi G, Vardell IM, Aghahowa J, Pollard K, et al. Multiple peptide production and presence of general neuroendocrine markers detected in 12 cases of human pheochromocytoma and in mammalian adrenal glands. Virchows Arch A Pathol Anat Histopathol. 1988;412(5):399-411. PubMed PMID: 3128912.