

**Product:**            **Anti-Galanin**  
**Catalog #:**       **03-16022**  
**Amount:**         **100 ml**

---

**CATEGORY:**                   **Rabbit Polyclonal**  
**IMMUNOGEN:**                Synthetic Galanin 1-29  
**FORM:**                         Serum containing 0.1% Sodium Azide  
**DESCRIPTION/SPECIFICITY:** Galanin occurs in nerve fibers in most parts of the gastrointestinal tract and in nerve cell bodies in both the submucous and the myenteric plexus. Galanin has multiple effects on gut smooth muscle. Absorption with 10-100µg galanin 1-29 per ml diluted antiserum abolishes the staining, while galanin 1-10, VIP, NPY and Substance P do not.  
**POSITIVE CONTROL:**         Bouin-fixed paraffin sections of rat colon  
**ANTIGEN RECOGNIZED IN**  
**SPECIES (tested so far):**     Human and Rat  
**APPLICATION:**                Immunofluorescence microscopy  
                                      Immunohistochemistry on paraffin and frozen sections  
**WORKING DILUTION:**         1:20 to 1:40 (PAP)  
                                      1:10 to 1:20 for immunofluorescence with overnight incubation at 2-8°C  
**DILUTION BUFFER:**         0.1M PBS containing 1% BSA and 0.1 % sodium azide  
**STORAGE:**                    2-8°C for immediate use, or at -20°C (aliquot)

**REFERENCES:**

Larsson, L. et al. (1988) J. Pediatric Surg. **23** (4): 342-345  
Kirchgeßner, A. et al. (1989) J. Comp. Neurol. **285**: 38-53

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.