

Product: Anti-Vasoactive Intestinal Peptide (VIP)
Catalog #: 03-16099
Amount: 100 ml

CATEGORY: Rabbit Polyclonal
FORM: Serum containing 0.1% sodium azide
IMMUNOGEN: Purified porcine VIP
DESCRIPTION/SPECIFICITY: VIP is localized in nerve fibers of the central and peripheral nervous system, and is probably acting as a neurotransmitter. Smooth muscle relaxation, vasodilation and secretion from exocrine glands are some of the effects of VIP. The Verner-Morrison or Watery Diarrhea Hypokaliemia and Achlorhydria (WGHA) syndrome is characteristic clinical syndrome associated with overproduction of VIP from endocrine tumors. These VIP-producing tumors are usually neuroblastomas of endocrine tumors in the pancreas. Absorption with 10-100 µg immunogen per ml diluted antiserum abolishes the staining, while PHI, secretin, glucagons, GIP and CCK do not.

ANTIGEN RECOGNIZED IN

SPECIES (tested so far): Pig, Cat, Rat

RECOMMENDED FOR**POSITIVE CONTROL:**

APPLICATION: Formalin-fixed paraffin sections of cat Ileum
Immunohistochemistry, suitable for frozen and paraffin sections*.

*no pretreatment required; Immunofluorescence

WORKING DILUTION:

1:50 to 1:100 using PAP, or 1:25 to 1:60 using FITC for immunofluorescence with overnight incubation at 2-8°C

INCUBATION TIME:

1 hour at room temperature

DILUTION BUFFER:

PBS with 0.5% BSA and 0.1% Na-Azide

STORAGE:

2-8°C for immediate use, or at -20°C (aliquot)

REFERENCES:

Ekstrom, J et al. (1994) Acta Phys Scand. **151**: 107-115

Messel, T. et al. (1992) Reg. Pept. **38**: 179-198

Tagliaferro, G. et al. (1988) Cell Tissue Res **253**: 23-28

Ekblad, E. et al. (1984) Reg. Pept. **10**: 47-55

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