# Pab to Vasoactive Intestinal Peptide (VIP)

## Category
Rabbit polyclonal

## Form/Purification
Undiluted serum (lyoph.)

## 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 Hypokalemia and Achlorhydria (WDHA) syndrome is a 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, glucagon, GIP, and CCK do not.

## Positive Control
Formalin-fixed paraffin sections of cat ileum

## Species tested so far
Most mammals, including human, pig, cat, rat; fish

## Application
- Immunohistochemistry
- Suitable for frozen and paraffin sections

## Reconstitution
Dissolve the antiserum in 50 - 100 µl distilled water, and dilute further in 0.1 M PBS with 1% BSA and 0.1% NaN₃.

## Working Dilution
1:2500 - 1:5000 using PAP, or 1:1500 - 1:3000 using FITC with overnight incubation at 2-8°C.

## Storage
At 2-8°C (undiluted) or at -20°C (aliquots)

## Quantity / Volume
50 µl (lyoph.)

## References

## Cat. No.
16099