



# PENINSULA LABORATORIES, LLC

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**Cat. No. T-5030**

## **Guinea Pig anti-VIP (human, bovine, porcine, rat)**

### **Specifications:**

- Preparation:** This polyclonal antibody was collected from guinea pigs immunized with a synthetic peptide as the immunogen.
- Amount:** Each vial contains 50 ul of whole serum in lyophilized form. Reconstitute with 50 ul of distilled water for the equivalent of undiluted antiserum.
- Storage:** This antibody is supplied as a lyophilized powder. Store at 2°C to 8°C upon receipt. For long-term storage, store lyophilized powder at -20°C. Once reconstituted, the materials should be stored frozen in aliquots at -20°C to -70°C. **Avoid repeated freeze/thaw cycles.**
- Applications:** Immunohistochemistry, Immunocytochemistry, and other applications.
- Sample Types:** The antibody can react with a variety of sample preparation including frozen tissue sections, paraffin embedded tissue sections and fixed cell cultures.

### **Recommended starting dilution for Immunohistochemical staining:**

Immunofluorescence: 1:250 to 1:16000

PAP or ABC: 1:250 to 1:16000

LAB-SA: 1:250 to 1:16000

It is advised for each laboratory to determine optimal dilutions for a specific application.

### **Cross Reaction:**

<b>Peptide</b>	<b>%</b>
VIP (human, porcine, bovine, rat)	100
VIP (guinea pig)	0
PHI-27 (porcine)	0
PHM-27 (porcine)	0
VIP (10-28) (human, porcine, rat)	0
VIP (1-12) (human, porcine, rat)	0
VIP (chicken)	1
PACAP-38 (ovine)	0
Substance P	0

Cross-Reactivity data is taken from Radioimmunoassay applications