



## PENINSULA LABORATORIES, LLC

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**Cat. No. T-5011**

### **Guinea Pig anti-Endothelin-1**

**(human, porcine, dog, rat, mouse, bovine)**

#### **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>
Endothelin-1 (human, porcine, canine, rat, mouse, bovine)	100
Endothelin-2 (human)	100
Big Endothelin-1 (human)	100
Big Endothelin-1 (porcine)	100
Sarafotoxin S6B	2
Endothelin-3 (rat, human)	0.04
Big Endothelin-1 (22-38) (human)	0
f-ANP (1-28) (human, canine)	0
BNP-32 (human)	0
Angiotensin II	0
(Arg <sup>8</sup> )-Vasopressin	0

Cross-Reactivity data is taken from Radioimmunoassay applications