



## PENINSULA LABORATORIES, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

Tel: (800) 922-1516 • (650) 592-5392

Fax: (650) 595-4071

www.bachem.com

**Cat. No. T-4572**

### **Rabbit anti- Big Endothelin-1 (rat)**

#### **Specifications:**

- Preparation:** This polyclonal antibody was collected from rabbits 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° to 8°C upon receipt. For long-term storage, store lyophilized powder at -20°C. Once reconstituted, the materials should be stored frozen in aliquot 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>
Big Endothelin-1 (rat)	100
Endothelin-1 (human, porcine, canine, rat, mouse, bovine)	100
Big Endothelin-1 (porcine)	35
Big Endothelin-1 (human)	17
Endothelin-2 (human, canine)	7
Endothelin-3 (human, rat, porcine, rabbit)	7
Sarafotoxin S6b	3
Big Endothelin (22-38) (human)	0
ANF (1-28) (human)	0
Angiotensin II	0
ACTH (1-39) (human)	0
VIC (mouse)	0.01
VIP (human, bovine, porcine, rat)	0
[Arg <sup>8</sup> ]-Vasopressin	0

Cross-Reactivity data is taken from Radioimmunoassay applications