



## PENINSULA LABORATORIES, LLC

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**Cat. No. T-4322**

### **Rabbit anti-H-Phe-Met-Arg-Phe-NH<sub>2</sub>**

#### **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>
FMRF amide	100
Tyr-Gly-Gly-Phe-Met-Arg-Phe-NH <sub>2</sub>	100
Met-Enkephalin	0
FMRF-Like Peptide from <i>Lymnae stagnalis</i>	86
FMRF-Like Peptide from snail <i>Helix aspersa</i>	61
FMRF-Like Peptide	30
Gamma <sub>1</sub> -MSH	20
NPY (porcine)	<0.1
α-ANP (1-28) (human)	<0.02
Substance P	<0.02
Endothelin-1 (porcine, human)	<0.02
Gastrin	0
Phe-Met-Arg-Phe	0

Cross-Reactivity data is taken from Radioimmunoassay applications