



## PENINSULA LABORATORIES, LLC

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**Cat. No. T-4074**

### **Rabbit anti-Orexin A (human, bovine, canine, mouse, ovine, porcine, 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>
Orexin A (Human, Mouse Rat, Bovine)	100
Orexin A (16-33) Amide (Human, Bovine, Rat, Mouse)	14.8
Hypocretin (28-66) (mouse, rat)	0
Hypocretin (70-98) (human)	0
Orexin B (human, mouse, rat)	0
NPY (Human, rat)	0
$\alpha$ -MSH	0
Leptin (Human)	0

Cross-Reactivity data is taken from Radioimmunoassay applications