

Relaxin-1 Polyclonal Antibody

CATALOG NO: 3874-30T 30 µg (Trial size)
3874-100 100 µg

HOST: Rabbit

IMMUNOGEN: Synthetic peptide corresponding to residues surrounding amino acid 130 of rat Relaxin-1 (Internal ID# BV-A37)

SPECIES REACTIVITY: Human, Mouse, Rat

FORMULATION:

0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

Relaxin is a peptide hormone belonging to the insulin gene superfamily. It is made by the corpora lutea of the ovaries during pregnancy in many mammalian species. The secretion of the hormone into the blood stream just before parturition results in softening and lengthening of the pubic symphysis and a softening of the cervix, which facilitates the process of birth.

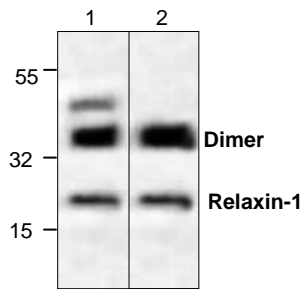
Relaxin-1 is proteolytically processed into a heterodimer that has two peptide chains, A and B that are covalently linked by disulfide bonds.

SPECIFICITY:

The antibody recognizes Relaxin-1 (~20 kDa) and its dimer form (~40 kDa) in samples from human, mouse and rat origins. Other species have not been tested.

APPLICATION:

The antibody can be used in Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Other applications have not been tested. Blocking peptide (Cat.# 3874BP-50) is available separately.



Cat. #:3874-100
Western blot analysis of Relaxin-1 with Jurkat cell lysate (**Lane 1**) and rat kidney tissue lysate (**Lane 2**).

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

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- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit
- HDL and LDL/VLDL Quantification Kit
- Fatty Acid Assay Kit

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- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 20 minutes Gel Staining/Destaining Kit
- 5 minutes DNA Ligation Kit
- DNA Polymerase & T4 DNA Ligase
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