

## Luciferase (firefly) Polyclonal Antibody

**CATALOG #:** 3848-500

**AMOUNT:** 500 µg

**LOT #:** \_\_\_\_\_

**HOST:** Goat

**IMMUNOGEN:** Firefly luciferase

### FORMULATION:

500 µg (10 mg/ml) goat anti-Luciferase (firefly) polyclonal antibody in 0.02 M potassium Phosphate and 0.15 M sodium chloride, pH 7.2.

### STORAGE CONDITIONS:

Store at 4° C as supplied. For long-term storage, aliquot and freeze at -20° C or -70° C. Avoid repeated freeze/thaw cycles.

### SPECIFICITY:

The antibody recognizes firefly luciferase. It does not react with Renilla luciferase. Firefly luciferase can be used as a positive control.

### APPLICATION AND USAGE:

The antibody can be used for Western blotting (1:5000-20,000), ELISA (1:50,000-200,000), and Immunohistochemistry (1:1000-1:5000). However, the optimal conditions should be determined individually.

**FOR RESEARCH USE ONLY. Not to be used in humans.**

### 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

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

#### Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit
- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines

#### Monoclonal and Polyclonal Antibodies