

Active Caspase-3 Polyclonal Antibody

CATALOG #:	3015-100
AMOUNT:	500 μ l
LOT #:	
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide mapping to the N-terminus adjacent to the cleavage site of human caspase-3 (Internal ID# BV-2306)
SPECIES REACTIVITY:	human, mouse, rat

FORMULATION:

500 μ l antigen affinity purified rabbit anti-Active Caspase-3 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.

DESCRIPTION:

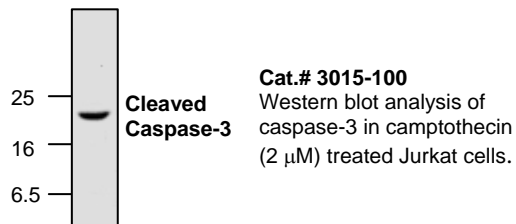
Caspase-3 has been extensively studied and implicated to play an important role in apoptosis. Active caspase-3 proteolytically cleaves and activates other caspases, as well as relevant targets in the cells (e.g., PARP). The antigen affinity purified antibody recognizing the active form of caspase-3 provides a new tool for identifying apoptotic cell populations in both tissue sections and cultured cells.

SPECIFICITY:

The antibody preferentially recognizes the p17 fragment of the active caspase-3 in samples from human, mouse, and rat origins.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (1:50 -1:500 dilutions) and immunohistochemistry (1:10-1:20 dilutions). However, the optimal concentrations should be determined individually.



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

Molecular Biology & Reporter Assays

- 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