

## Active Caspase-3 Polyclonal Antibody

<b>CATALOG NO:</b>	3015-30T	30 µg (Trial size)
	3015-100	100 µg
<b>HOST:</b>	Rabbit	
<b>IMMUNOGEN:</b>	Synthetic peptide mapping to the N-terminus adjacent to the cleavage site of human caspase-3 (Internal ID# BV-2306)	
<b>SPECIES REACTIVITY:</b>	Tested In Human	

**FORMULATION:**

0.5 mg/ml in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin

**STORAGE CONDITIONS:**

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

**DESCRIPTION:**

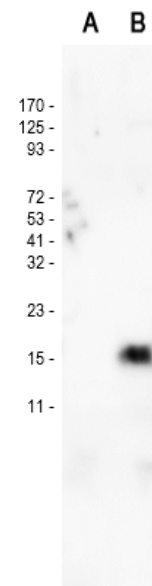
Caspase-3 has been extensively studied and implicated to play an important role in apoptosis. Active caspase-3 proteolytically cleaves and activates other caspases, as well as relevant targets in the cells (e.g., PARP). The antigen affinity purified antibody recognizing the active form of caspase-3 provides 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.



Western blot analysis of **A)** untreated and **B)** camptothecin-treated Jurkat cell lysate samples (60 µg load) using Active Caspase-3 Polyclonal Antibody

**RELATED PRODUCTS:**

CaspGLOW™ Fluorescein Active Caspase-3 Staining Kit (Cat. No. K183)  
Anti-Caspase-3 (Active) Biotinylated Antibody (Cat. No. A2116)  
Caspase-3, Human Recombinant (Cat. No. 1083)  
Caspase-3 Blocking Peptide (Cat No. 3015BP)  
Caspase-3 Antibody (Clone C33) (Cat. No. 3004)  
Caspase-3 Activity Assay Kit II (Fluorometric) (Cat. No. K533)

**FOR RESEARCH USE ONLY! Not to be used on humans.**