

# Anti-Caspase-3 (Active) Biotinylated Antibody

rev 06/20

**CATALOG NO.:** A2116-30T (30 µl Trial size)  
A2116-100 (100 µl)

**BACKGROUND DESCRIPTION:** The protein encoded by this gene is a cysteine-aspartic acid protease that plays a central role in the execution-phase of cell apoptosis. The encoded protein cleaves and inactivates poly(ADP-ribose) polymerase while it cleaves and activates sterol regulatory element binding proteins as well as caspases 6, 7, and 9. This protein itself is processed by caspases 8, 9, and 10. It is the predominant caspase involved in the cleavage of amyloid-beta 4A precursor protein, which is associated with neuronal death in Alzheimer's disease.

**ALTERNATE NAMES:** CPP32; CPP32B; SCA-1; Active Caspase 3; CASP3; active Caspase-3; Caspase 3; Caspase-3 p12; caspase-3

**ANTIBODY TYPE:** Polyclonal

**CONCENTRATION:** 0.5 mg/ml

**HOST/ISOTYPE:** Rabbit / IgG

**IMMUNOGEN:** Synthetic peptide mapping to the N-terminus adjacent to the cleavage site of human caspase-3

**PURIFICATION:** Antigen Affinity purified

**FORM:** Liquid

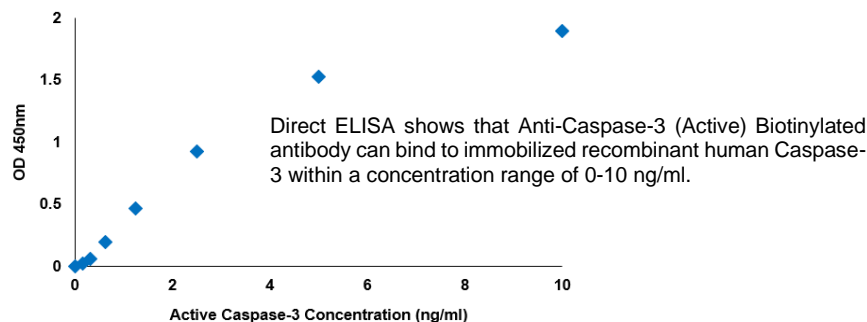
**FORMULATION:** In PBS, pH 7.2, 30% glycerol, 0.5% BSA, 0.5 mM EDTA and 0.03% proclin

**SPECIES REACTIVITY:** Human

**STORAGE CONDITIONS:** Store at -20°C. Avoid freeze / thaw cycles

**APPLICATIONS AND USAGE:** ELISA 1:500 - 1:2000

This information is only intended as a guide. The optimal dilutions must be determined by the user



## RELATED PRODUCTS:

Anti-Caspase-3 Rabbit Monoclonal Antibody (A1120)

Anti-Caspase-3 Antibody (Clone#AMC0213) (A2015)

Caspase-3 Antibody (3138)

Caspase-3 (Active) Antibody (3015)

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