
Caspase-3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250573

Unit: 0.1 mg

Description:

Caspase-3 is involved in the activation cascade of caspases responsible for apoptosis execution. At the onset of apoptosis, Caspase-3 proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a 216-Asp-Gly-217 bond as well as cleaving and activating the sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. In addition Caspase-3 cleaves and activates caspase-6, -7, -9.

Isotype: Rabbit Ig

Applications: E, IHC, IP, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Caspase-3; CASP-3; Apopain; Cysteine protease CPP32; CPP-32; Yana protein; SREBP cleavage activity 1; SCA-1; CASP3; CPP32

Accession No.: P42574

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Caspase-3.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Haligurm et al. 2012. Experimental Diabetes Research. 2012:120645. PMID# 22844268.

For research use only, not for diagnostic or therapeutic procedures.