

Product Information

Contents: Affinity Purified anti-pro-Caspase 3
Catalog Number: 60-6673
Sizes: 50 ug, 100 ug
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃
Storage Conditions: Store at 4°C. Avoid repeated freeze/thaw cycles
Clone: 31A893
Isotype: Mouse IgG1

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
60-6673	anti-pro-Caspase 3	N/A	N/A	WB

Description

The 31A893 antibody reacts with pro-caspase 3. The gene for Caspase-3, also known as Yama, CPP32, and apopain, codes for a 32 kDa protein. Caspase-3 is activated by cleavage events at Asp-28/Ser-29 (between N-terminal pro-domain) and Asp-175/Ser-176 (between large and small subunits) to generate a large subunit of 17 kDa and a small subunit of 12 kDa. The 31A893 antibody was raised against full-length recombinant human caspase-3. The antibody was selected with staurosporine-induced apoptotic HeLa cell lysate.

Usage

For research use only, not for diagnostic or therapeutic use. The 31A893 antibody has been reported for use in immunoblotting (WB).

Applications Tested

The 31A893 antibody is useful for detecting pro-Caspase-3 in cells by Western blot analysis, and can be used at 2 µg/ml dilution. It is recommended that the reagent be carefully titrated for optimal performance in the assay of interest.

Related Products

Cat. 14-4714 Affinity Purified Mouse IgG1, K Isotype Control

References

Fernandes-Almnmri T, et al. J Biol Chem 269: 30761-764 (1994).
Tewari M, et al. Cell 81: 801-809 (1995).
Shi L, et al. Proc Natl Acad Sci USA 93: 11002-007 (1996).
Villa P, et al. TIBS 22: 389-392 (1997).