
Anti-Human/Mouse Caspase 3


Catalog Number: 60-6663

Also Known As: Caspase3, Procaspace3

RUO: For Research Use Only

Product Information


Contents: Anti-Human/Mouse Caspase 3

 Catalog Number: 60-6663

Clone: 31A1067


Host/Isotype: Mouse IgG1

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 Temperature Limitation: Store at 2-8°C, stable for 6 months.
For long-term storage, store at less than -20°C.

 Batch Code: Refer to Vial

 Use By: Refer to Vial

 Caution, contains Azide

Description

The 31A1067 antibody reacts with mouse and human active and 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 31A1067I antibody was generated against recombinant protein of full-length human caspase-3. The antibody was selected with staurosporine-induced apoptotic HeLa cell lysate.

Applications Reported

The 31A1067 antibody has been reported for use in immunoblotting (WB).

Applications Tested

The 31A1067 antibody is useful for detecting pro-Caspase-3 and Caspase-3 activation in cells by Western blot analysis at a recommended dilution of 2 µg/ml. It is recommended that the reagent be carefully titrated for optimal performance in the assay of interest.

References

Fernandes-Alnemri 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).

Related Products

14-4714 Mouse IgG1 K Isotype Control Purified

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