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35-1674: Polyclonal Antibody to Caspase 3

Clonality: Polyclonal

Application: WB Reactivity: Human CASP3 Gene: Gene ID: 836 P42574 **Uniprot ID:** Format: Purified **Alternative Name:** Apopain Rabbit IgG Isotype:

Immunogen Information: Peptide sequence around aa.29~33 (S-G-I-S-L) derived from Caspase 3.

Description

Involved in the activation cascade of caspases responsible for apoptosis execution. At the onset of apoptosis it proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp-|-Gly-217' bond. Cleaves and activates sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Cleaves and activates caspase-6, -7 and -9. Involved in the cleavage of huntingtin. Gervais, F. G et al. Cell 97: 395-406, 1999. Nicholson, D. W. et al. (1995) Nature 376, 37-43.

Product Info

Amount: $50 \mu l / 100 \mu l$

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Predicted MW: 35 17kd, Western blotting: 1:1000

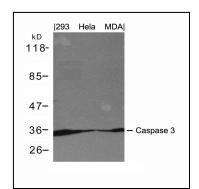


Figure 1: Western blot analysis of extracts from 293, Hela and MDA cells using Caspase 3 Antibody 35-1674.