

### 35-1674: Polyclonal Antibody to Caspase 3

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	CASP3
<b>Gene ID :</b>	836
<b>Uniprot ID :</b>	P42574
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Apopain
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

#### Application Note

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

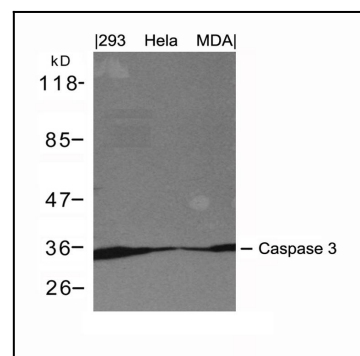


Figure 1: Western blot analysis of extracts from 293, HeLa and MDA cells using Caspase 3 Antibody 35-1674 .