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## 35-1676: Polyclonal Antibody to Caspase 9

Clonality: Polyclonal

Application: WB
Reactivity: Human
Gene: CASP9
Gene ID: 842
Uniprot ID: P55211
Format: Purified

**Alternative Name:** ICE-like apoptotic protease 6

**Isotype:** Rabbit IgG

Immunogen Information: Peptide sequence around aa.301~305 (T-S-P-E-D) derived from Caspase 9

## **Description**

Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). Isoform 2 lacks activity is an dominant-negative inhibitor of caspase-9.

## **Product Info**

**Amount:** 50 μl / 100 μl

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

NaCl, 0.02% sodium azide and 50% glycerol.

**Storage condition :** 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: 47 37 35kd, Western blotting: 1:1000

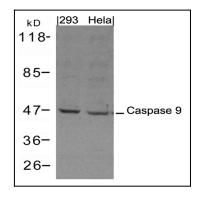


Figure 1: Western blot analysis of extracts from 293 and Hela cells using Caspase 9 Antibody 35-1676.