

---

**Product Name: Caspase-9 Rabbit Monoclonal Antibody****Catalog #: AMRe21545**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.3mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
<b>Purification</b>	Protein A

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	Calculated MW:46kD;Observed MW:40kD

**Antigen Information**

<b>Gene Name</b>	CASP9
<b>Alternative Names</b>	CASP9;MCH6;Caspase-9;CASP-9;Apoptotic protease Mch-6;Apoptotic protease-activating factor 3;APAF-3;ICE-like apoptotic protease 6;ICE-LAP6
<b>Gene ID</b>	842.0
<b>SwissProt ID</b>	P55211
<b>Immunogen</b>	Recombinant protein of human Caspase-9

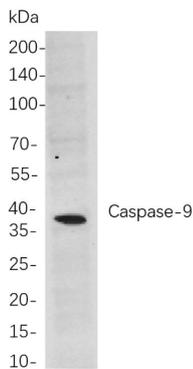
**Background**

Cell localization: Cytoplasm. This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which

undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein can undergo autoproteolytic processing and activation by the apoptosome, a protein complex of cytochrome c and the apoptotic peptidase activating factor 1; this step is thought to be one of the earliest in the caspase activation cascade. This protein is thought to play a central role in apoptosis and to be a tumor suppressor. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013],

## Research Area

## Image Data



Western blot analysis of lysates from HeLa cells, using Caspase-9 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.