

# Caspase-9 Rabbit Polyclonal Antibody

OPR1858

<b>Reactivity</b>	H,M,R	<b>Storage</b>	-20 °C, Avoid freeze/ thaw cycles
<b>Host</b>	Rabbit	<b>Applications</b>	WB;IHC;IF;ELISA
<b>Isotype</b>	IgG	<b>Concentration</b>	1mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

## Immunogen Information

<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Caspase 9. AA range:91-140
<b>Human Swiss-Prot Number</b>	P55211
<b>Synonyms</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

## Product Information

<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
<b>Dilution</b>	WB: 1/500 - 1/2000; IHC: 1/100 - 1/300;IF: 1/200 - 1/1000;ELISA: 1/5000.
<b>Observed MW</b>	46 kDa

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

## Background

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.

## Research Use

For research use only, not for use in diagnostic procedures.

## Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow.

Please contact Origin Diagnostics and Research for further assistance

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