

# Caspase 9 Rabbit mAb

Catalog # AP78644

## Product Information

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<b>Application</b>	WB, IHC-P, IP, ICC
<b>Primary Accession</b>	<a href="#">P55211</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	46281

## Additional Information

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<b>Gene ID</b>	842
<b>Other Names</b>	CASP9
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A ICC~~N/A
<b>Format</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	CASP9
<b>Synonyms</b>	MCH6
<b>Function</b>	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 effector caspases caspase-3 (CASP3) or caspase-7 (CASP7). Promotes DNA damage- induced apoptosis in a ABL1/c-Abl-dependent manner. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). Cleaves BIRC6 following inhibition of BIRC6-caspase binding by DIABLO/SMAC (PubMed: <a href="#">36758105</a> , PubMed: <a href="#">36758106</a> ).
<b>Tissue Location</b>	Ubiquitous, with highest expression in the heart, moderate expression in liver, skeletal muscle, and pancreas. Low levels in all other tissues. Within the heart, specifically expressed in myocytes.

## Images

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