

# Caspase 9 Rabbit mAb

Catalog # AP78644

## Product Information

---

<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

---

<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>	Liquid

## Protein Information

---

<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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.