



# Anti-CASP9 (aa 1-134) polyclonal antibody (DPABH-17885)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</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 caspase-3. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). Isoform 2 lacks activity is an dominant-negative inhibitor of caspase-9.
<b>Immunogen</b>	Recombinant fragment, corresponding to amino acids 1-134 of Human Caspase 9
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Human
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	WB, IP, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Constituents: 0.2% BSA, 10mM PBS, pH 7.4
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CASP9 caspase 10, apoptosis-related cysteine peptidase [ Homo sapiens ]</a>
<b>Official Symbol</b>	CASP9
<b>Synonyms</b>	CASP9; caspase 9, apoptosis-related cysteine peptidase; MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6; caspase-9; apoptotic protease MCH-6; ICE-like apoptotic protease 6; apoptotic protease activating factor 3; protein phosphatase 1, regulatory subunit 56;
<b>Entrez Gene ID</b>	<a href="#">842</a>
<b>Protein Refseq</b>	<a href="#">NP_001220.2</a>
<b>UniProt ID</b>	<a href="#">P55211</a>
<b>Pathway</b>	AGE/RAGE pathway; Activation of caspases through apoptosome-mediated cleavage; Alzheimers disease; Alzheimers Disease
<b>Function</b>	SH3 domain binding; cysteine-type endopeptidase activity; enzyme activator activity; peptidase activity