

Cat. No:	AB-82859
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant protein of human Caspase-9
Reactivity:	Ms, Rt, Hu
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:100
Molecular Weight:	36kDa/46kDa
Purification:	Affinity purification
Synonyms:	CASP9;APAF-3;APAF3;ICE-LAP6;MCH6;PPP1R56;caspase-9;cas9;Caspase 9
Background:	<p>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.</p>
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide and 50% glycerol pH 7.4
Storage:	Store at -20°C, and avoid repeat freeze-thaw cycles.

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