

Polyclonal Antibody to Caspase-9 (C-term) - Purified

Alternate names:	APAF-3, APAF3, Apoptotic protease Mch-6, Apoptotic protease-activating factor 3, CASP-9, CASP9, ICE-LAP6, ICE-like apoptotic protease 6, MCH6
Catalog No.:	AP14880PU-N
Quantity:	0.4 ml
Concentration:	lot specific
Background:	Caspase 9 is 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 2 subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspase APAF1; this step is thought to be one of the earliest in the caspase activation cascade.
Uniprot ID:	P55211
NCBI:	9606
GeneID:	842
Host / Isotype:	Rabbit / Ig
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human CASP9.
Format:	State: Liquid purified Ig Purification: Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS Buffer System: PBS with 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to CASP9. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
General Readings:	1. Martin, M.C., et al., J. Biol. Chem. 280(15):15449-15455 (2005). 2. Raina, D., et al., J. Biol. Chem. 280(12):11147-11151 (2005). 3. Cornelis, S., et al., Oncogene 24(9):1552-1562 (2005).

4. Mohammad, R.M., et al., Mol. Cancer Ther. 4(1):13-21 (2005).
5. Tacconi, S., et al., Exp. Neurol. 190(1):254-262 (2004).

Pictures:

Western blot analysis of anti-CASP9 Antibody (C-term) in NCI-H460 cell line lysates (35ug/lane). CASP9 (arrow) was detected using the purified Pab.

