

CASP9

Synthetic Human Caspase 9 (aa 41-56)(IN1) Blocking Peptide

Catalog No.	PX028BP	Quantity:	50 µg
Alternate Names:	APAF-3, APAF3, CASPASE-9c, ICE-LAP6, MCH6, ICE-like apoptotic protease 6, apoptotic protease MCH-6, apoptotic protease activating factor 3, caspase 9, caspase 9, apoptosis-related cysteine protease		
Description:	Amino acids 41 to 56 of human caspase-9. 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 is processed by caspase APAF1; this step is thought to be one of the earliest in the caspase activation cascade. Alternative splicing results in two transcript variants which encode different isoforms.		
Gene ID:	842		
Application:	The peptide is used for blocking the activity of anti-caspase-9. Incubating the peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.		
Formulation:	It is supplied as 200 µg/ml, 50 µg/vial, in PBS pH7.2 (10 mM NaH ₂ PO ₄ , 10 mM, Na ₂ HPO ₄ , 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Sequence:	EDIQRAGSGSRRDQAR		
Storage & Stability:	Store at -20°C, stable for one year.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

