

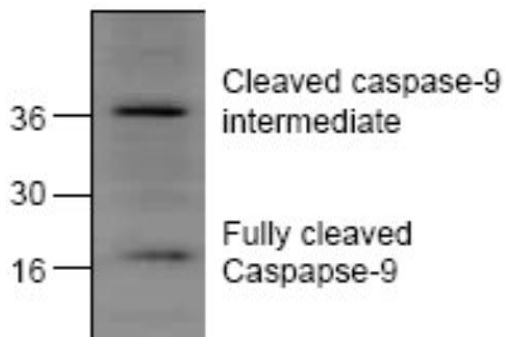
Casp9

Rabbit Anti-Rat Caspase 9 Affinity Purified pAb

Catalog No.	CPC125	Quantity:	100 µg
Alternate Names:	Apaf3, Casp-9-CTD, Casp9_v1, Ice-Lap6, Mch6, 25 kDa caspase-9 dominant negative protein, Ice-like apoptotic protease 6, apoptotic protease Mch-6, apoptotic protease activating factor 3, caspase-9 dominant negative form, caspase-9-carboxyl-terminal divergent		
Gene ID:	58918		
Description:	Rabbit Anti-Rat Active Caspase 9 Affinity Purified polyclonal antibody. Caspases are synthesized as inactive pro-enzymes that are processed to active form in cells undergoing apoptosis. Caspase 9 is an important member of the caspase family. Upon induction of apoptosis, Cytochrome c released from mitochondria associates with procaspase 9 (47 kDa) and APAF1. The complex processes pro-caspase 9 into a large subunit (37 kDa/17 kDa) and a small subunit (10 kDa). Cleaved caspase 9 further processes other caspases including caspase 3 and caspase 6, to initiate a caspase cascade leading to apoptosis. The affinity purified antibody recognizing the active forms of caspase 9 provides a new tool for identifying apoptotic cell populations in both tissue sections and cultured cells.		
Concentration:	0.2 mg/ml		
Specificity:	Recognizes the cleaved rat Caspase 9 (37 kDa/17 kDa). It does not recognize full length Caspase 9 or any other caspases.		
Host:	Rabbit		
Formulation:	Liquid in PBS + 50% glycerol + 1% BSA + 0.02% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Biospecific affinity chromatography		
Applications:	Western Blot Immunocytochemistry Immunohistochemistry		
Application Notes:	For Western Blot, use a working dilution of 0.5-4 µg/ml. For Immunocytochemistry, use a working dilution of 10-20 µg/ml. For Immunohistochemistry, use a working dilution of 10-20 µg/ml. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at -20°C or in working aliquots at -80°C for long term storage. Avoid repeated freeze-thaw cycles.		



Western Blot analysis of staurosporine treated PC12 cell lysate



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



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com