

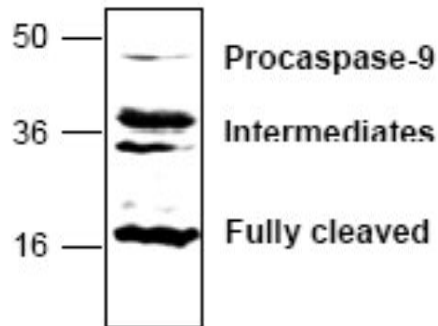
## CASP9

### Rabbit Anti-Mouse Caspase 9 pAb

<b>Catalog No.</b>	CPC126	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	APAF3, ICE-LAP6, MCH6		
<b>Gene ID:</b>	12371		
<b>Description:</b>	Rabbit Anti-Mouse Caspase 9 polyclonal antibody. Caspase 9 is one of the most important caspases among the caspase family members. Upon induction of apoptosis, cytochrome c released from mitochondria associates with procaspase 9/APAF1. The complex processes procaspase 9 into a large subunit (35 kDa or 17 kDa) and small (10 kDa) by self-cleavage at D315. Activated caspase 9 further cleaves other caspase members including caspase 3, one of the proteases responsible for the proteolytic cleavage of many key proteins in apoptosis. In addition to self-cleavage, procaspase 9 can also be cleaved <i>in vivo</i> by caspase 3 at D330. The process served as a positive feedback to amplify the apoptotic signal in caspase activation pathway.		
<b>Concentration:</b>	0.2 mg/ml		
<b>Specificity:</b>	Detects 45 kDa Procaspase 9, 35/37 kDa cleaved large fragment, and the 25 kDa fully cleaved Caspase 9.		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	Synthetic peptide surrounding amino acid 345 of mouse Caspase 9		
<b>Formulation:</b>	Liquid in PBS, pH 7.2 + 30% glycerol + 0.5% BSA + 0.01% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Protein A purified		
<b>Cross-Reactivity:</b>	Reacts with mouse and rat.		
<b>Applications:</b>	Western Blot		
<b>Application Notes:</b>	For Western Blot, use a working dilution of 0.5-4 µg/ml. Mouse small intestine and rat kidney tissue lysates can be used as positive controls. Blocking Peptide (Cat. No. CPC126BP) is available separately. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store at -20°C or in working aliquots at -80°C for long term storage. <b>Avoid repeated freeze-thaw cycles.</b>		



Western Blot analysis of Caspase 9 expression with mouse small intestine tissue lysate



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