

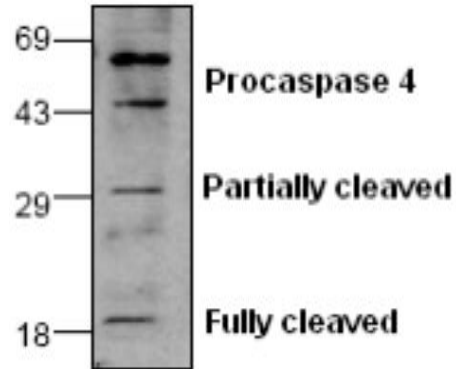
## Casp4

### Rabbit Anti-Rat Caspase 4 Apoptosis-Related Cysteine Peptidase pAb

<b>Catalog No.</b>	CPC110	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	CASP11, Caspase 11, ICH-3		
<b>Gene ID:</b>	114555		
<b>Description:</b>	Rabbit Anti-Rat Caspase 4 polyclonal antibody. Caspase family of cysteine proteases has been shown to play a key role in apoptosis. Caspase 4 is also synthesized as inactive pro-enzyme that are processed in cells undergoing apoptosis or inflammation. The processed form of caspase 4 consists of large and small subunits which associate to form an active enzyme.		
<b>Concentration:</b>	0.2 mg/ml		
<b>Specificity:</b>	Detects pro-caspase 4 (45 kDa), a partially cleaved fragment (30 kDa) and fully cleaved fragment (20 kDa). A 58 kDa unknown identity band was also detected in 3T3 cells.		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	Synthetic peptide surrounding amino acid 257 of rat caspase 4		
<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. Blocking Peptide (Cat. No. CPC110BP) 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 4 with  
3T3 cell lysate.



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



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