

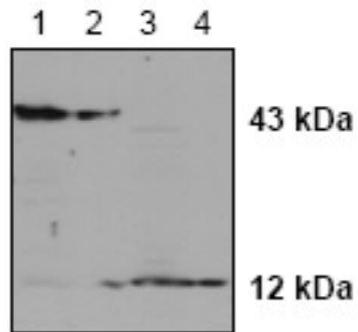
## CASP2

### Rabbit Anti-Mouse Caspase 2 Apoptosis-Related Cysteine Peptidase Affinity Purified pAb

<b>Catalog No.</b>	CPC111	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	Caspase 2, CASP-2, ICH-1L, ICH-1L/1S, ICH1, NEDD2		
<b>Gene ID:</b>	12366		
<b>Description:</b>	Rabbit Anti-Mouse Caspase 2 Affinity Purified polyclonal antibody. Caspases play a key role in apoptosis. Similar to other caspases, caspase 2 is also synthesized as an inactive pro-enzyme that is processed in cells undergoing apoptosis. Caspase 2 mRNA is alternatively spliced. The larger mRNA species encoding a product of 435 amino acids is known as ICH-1L. The smaller mRNA species encoding a protein of 312 amino acids is named ICH-1S. Over expression of ICH-1L induces apoptosis, while over expression of ICH-1S suppresses Rat-1 cell death induced by serum deprivation.		
<b>Concentration:</b>	0.2 mg/ml		
<b>Specificity:</b>	Detects the full length and small subunit of caspase 2. In human samples, it also detects a 30 kDa intermediate fragment.		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	Synthetic peptide surrounding amino acid 417 of mouse caspase 2		
<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>	Biospecific affinity chromatography		
<b>Cross-Reactivity:</b>	Reacts with human, mouse, and rat.		
<b>Applications:</b>	Western Blot		
<b>Application Notes:</b>	For Western Blot, use a working dilution of 1-2 µg/ml. Mouse small intestine lysate can be used as a positive control. Blocking Peptide (Cat. No. CPC111BP) 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 2 in untreated (Lane 1,2) and treated (Lane 3,4) cell lysate.



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

