

# Cleaved-Caspase-2 p18 (G170) Polyclonal Antibody

Catalog # AP63099

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P42575</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	50685

## Additional Information

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<b>Gene ID</b>	835
<b>Other Names</b>	CASP2; ICH1; NEDD2; Caspase-2; CASP-2; Neural precursor cell expressed developmentally down-regulated protein 2; NEDD-2; Protease ICH-1
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	CASP2
<b>Synonyms</b>	ICH1, NEDD2
<b>Function</b>	Is a regulator of the cascade of caspases responsible for apoptosis execution (PubMed: <a href="#">11156409</a> , PubMed: <a href="#">15073321</a> , PubMed: <a href="#">8087842</a> ). Might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival (PubMed: <a href="#">15073321</a> ). Associates with PIDD1 and CRADD to form the PIDDosome, a complex that activates CASP2 and triggers apoptosis in response to genotoxic stress (PubMed: <a href="#">15073321</a> ).
<b>Tissue Location</b>	Expressed at higher levels in the embryonic lung, liver and kidney than in the heart and brain. In adults, higher level expression is seen in the placenta, lung, kidney, and pancreas than in the heart, brain, liver and skeletal muscle

## Background

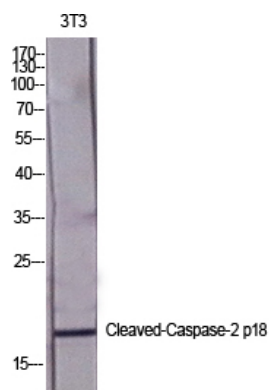
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Involved in the activation cascade of caspases responsible for apoptosis execution. Might function by

either activating some proteins required for cell death or inactivating proteins necessary for cell survival (PubMed:[15073321](#)). Associates with PIDD1 and CRADD to form the PIDDosome, a complex that activates CASP2 and triggers apoptosis in response to genotoxic stress (PubMed:[15073321](#)).

## Images

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Western Blot analysis of various cells using  
Cleaved-Caspase-2 p18 (G170) Polyclonal Antibody  
diluted at 1 : 2000



Western Blot analysis of Jurkat cells using  
Cleaved-Caspase-2 p18 (G170) Polyclonal Antibody  
diluted at 1 : 2000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.