

Caspase 2 p18 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51041

Specification

Caspase 2 p18 Antibody - Product Information

Application	WB, E
Primary Accession	P42575
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22 KDa

Caspase 2 p18 Antibody - Additional Information

Gene ID 835

Other Names

Caspase-2, CASP-2, Neural precursor cell expressed developmentally down-regulated protein 2, NEDD-2, Protease ICH-1, Caspase-2 subunit p18, Caspase-2 subunit p13, Caspase-2 subunit p12, CASP2, ICH1, NEDD2

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Caspase 2 p18 Antibody - Protein Information

Name CASP2

Synonyms ICH1, NEDD2

Function

Is a regulator of the cascade of caspases responsible for apoptosis execution (PubMed: [8087842](http://www.uniprot.org/citations/8087842), PubMed: [11156409](http://www.uniprot.org/citations/11156409), PubMed: [15073321](http://www.uniprot.org/citations/15073321)). Might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival (PubMed: [15073321](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/15073321)).

Tissue Location

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

Caspase 2 p18 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Caspase 2 p18 Antibody - Images

Caspase 2 p18 Antibody - Background

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.

Caspase 2 p18 Antibody - References

Wang L., et al. Cell 78:739-750(1994).
Droin N., et al. Cancer Res. 60:7039-7047(2000).
Halleck A., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Hillier L.W., et al. Nature 424:157-164(2003).