

**CASP2 / Caspase 2 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS14264****Specification**

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**CASP2 / Caspase 2 Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC                |
| Primary Accession | <a href="#">P42575</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 51kDa KDa              |

**CASP2 / Caspase 2 Antibody - Additional Information****Gene ID** 835**Other Names**

Caspase-2, CASP-2, 3.4.22.55, 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

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

CASP2 / Caspase 2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**CASP2 / Caspase 2 Antibody - Protein Information****Name** CASP2**Synonyms** ICH1, NEDD2**Function**

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:<a href="http://www.uniprot.org/citations/15073321" target="\_blank">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="http://www.uniprot.org/citations/15073321" target="\_blank">15073321</a>).

**Tissue Location**

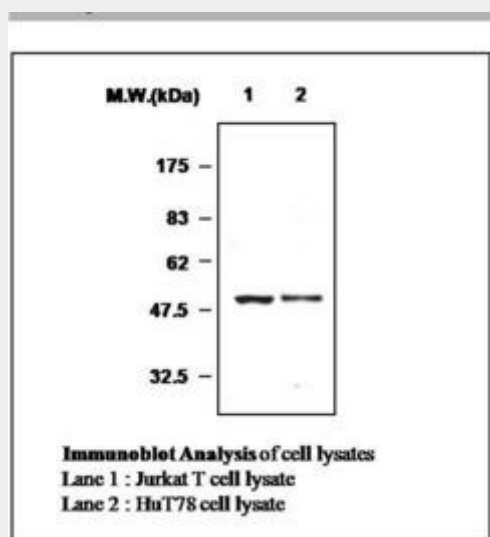
Expressed at higher levels in the embryonic lung, liver and kidney than in the heart and brain. In adults, higher level expression is seen in the placenta, lung, kidney, and pancreas than in the heart, brain, liver and skeletal muscle

## CASP2 / Caspase 2 Antibody - Protocols

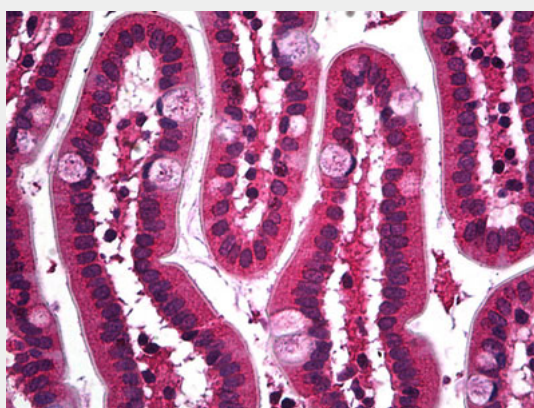
Provided below are standard protocols that you may find useful for product applications.

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

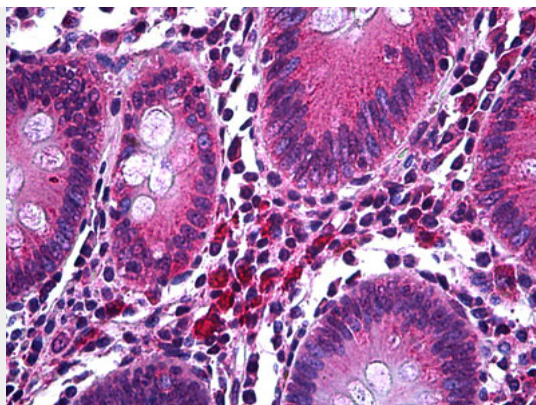
## CASP2 / Caspase 2 Antibody - Images



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Anti-CASP2 / Caspase 2 antibody IHC of human small intestine.



Anti-CASP2 / Caspase 2 antibody IHC of human colon.

#### **CASP2 / Caspase 2 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.

#### **CASP2 / Caspase 2 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).