

Caspase-2 Polyclonal Antibody
Catalog # AP68838**Specification****Caspase-2 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	P42575
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

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

CASP2; ICH1; NEDD2; Caspase-2; CASP-2; Neural precursor cell expressed developmentally down-regulated protein 2; NEDD-2; Protease ICH-1

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

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

Is a regulator of the cascade of caspases responsible for apoptosis execution (PubMed:8087842, PubMed:11156409, PubMed:15073321). 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).

Tissue Location

Expressed at higher levels in the embryonic lung, liver and kidney than in the heart and brain. In

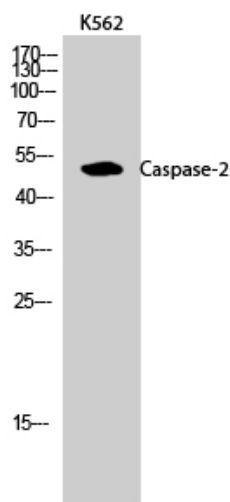
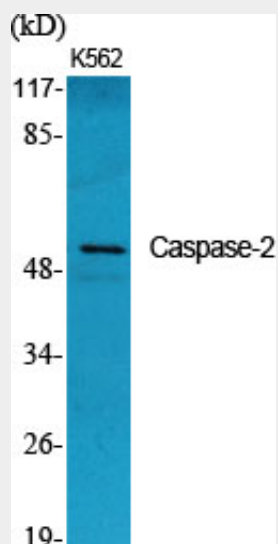
adults, higher level expression is seen in the placenta, lung, kidney, and pancreas than in the heart, brain, liver and skeletal muscle

Caspase-2 Polyclonal 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 Polyclonal Antibody - Images



Caspase-2 Polyclonal 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 (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).