

Caspase-2 Polyclonal Antibody

Catalog # AP68838

Product Information

Application WB, IHC-P
Primary Accession P42575
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 50685

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. IHC-P~~N/A

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

azide.

Storage Conditions -20°C

Protein Information

Name CASP2

Synonyms ICH1, NEDD2

Function Is a regulator of the cascade of caspases responsible for apoptosis execution

(PubMed: 11156409, PubMed: 15073321, PubMed: 8087842). 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

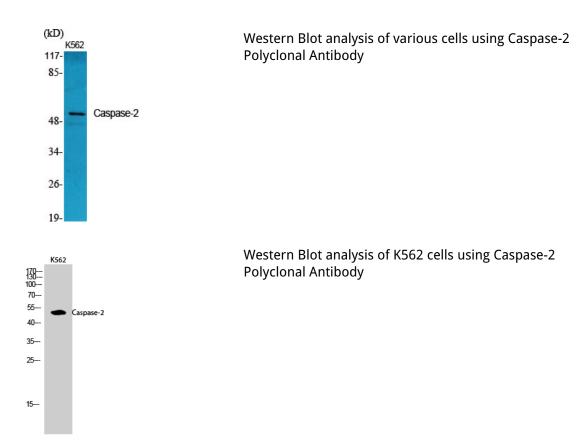
heart and brain. In adults, higher level expression is seen in the placenta, lung, kidney, and pancreas than in the heart, brain, liver and skeletal muscle

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).

Images



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