

## Datasheet

### CASP2 polyclonal antibody

**Catalog Number:** PAB1202

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of CASP2.

**Immunogen:** A synthetic peptide (conjugated with KLH) corresponding to amino acids 398-412 of human CASP2.

**Host:** Rabbit

**Reactivity:** Human

**Applications:** ELISA, IP, WB-Ce

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Protein A purification

**Recommend Usage:** Immunoprecipitation (1 ul)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In HEPES, 150 mM NaCl (50% glycerol, 0.01% BSA, 0.03% sodium azide)

**Storage Instruction:** Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 835

**Gene Symbol:** CASP2

**Gene Alias:** CASP-2, ICH-1L, ICH-1L/1S, ICH1, NEDD2

**Gene Summary:** This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which

undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. The proteolytic cleavage of this protein is induced by a variety of apoptotic stimuli. Alternative splicing of this gene results in multiple transcript variants that encode different isoforms. [provided by RefSeq]

#### References:

1. Caspase-2 function in response to DNA damage. Zhivotovsky B, Orrenius S. *Biochem Biophys Res Commun.* 2005 Jun 10;331(3):859-67.
2. Caspase-2 redux. Troy CM, Shelanski ML. *Cell Death Differ.* 2003 Jan;10(1):101-7.