

## CASP2

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC ICC IF FC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:200  
FC 1:20 - 1:50

**Calculated MW:**48/30/12 kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human CASP2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

ICH1; NEDD2; CASP-2; NEDD-2; PPP1R57;

**Catalog #:**A10772

**Antibody Type:**

Monoclonal Antibody

**Species:**Rabbit

**Gene ID:**835

**Isotype:**IgG

**Swiss Prot:**P42575

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Caspases mediate cellular apoptosis through the proteolytic cleavage of specific protein substrates. The encoded protein may function in stress-induced cell death pathways, cell cycle maintenance, and the suppression of tumorigenesis. Increased expression of this gene may play a role in neurodegenerative disorders including Alzheimer's disease, Huntington's disease and temporal lobe epilepsy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

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