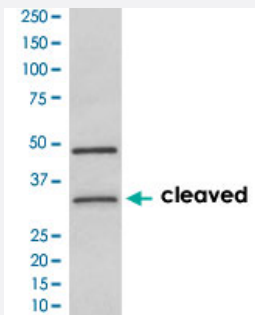


CASP2 monoclonal antibody, clone GDH-3

Catalog # MAB19699 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with CASP2 monoclonal antibody, clone GDH-3 (Cat # MAB19699).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human CASP2.
Immunogen	A synthetic peptide corresponding to human CASP2.
Host	Rabbit
Theoretical MW (kDa)	50.685
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with CASP2 monoclonal antibody, clone GDH-3 (Cat # MAB19699).

Gene Info — CASP2

Entrez GeneID [835](#)

Protein Accession# [P42575](#)

Gene Name CASP2

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

Gene Description caspase 2, apoptosis-related cysteine peptidase

Omim ID [600639](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations ICH-1 protease|NEDD2 apoptosis regulatory|caspase 2|neural precursor cell expressed, developmentally down-regulated 2

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Gastrointestinal Stromal Tumors](#)

- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Sclerosis](#)
- [Neoplasm Recurrence](#)
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- [Occupational Diseases](#)
- [Prostatic Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)