

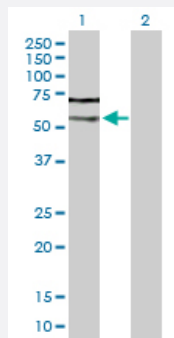
MaxPab®

CASP2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000835-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CASP2 expression in transfected 293T cell line ([H00000835-T02](#)) by CASP2 MaxPab polyclonal antibody.

Lane 1: CASP2 transfected lysate(50.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human CASP2 protein.

Immunogen

CASP2 (AAH02427.2, 1 a.a. ~ 452 a.a) full-length human protein.

Sequence

MAAPSAGSWSTFQHKELMAADRGRRLGVCGMHPHHQETLKKNRVVLAKQLLLSELLEHLLLEKDI
ITLEMRELIAKVGSGFSQNVELLNLLPKRGPQAFDAFCEALRETKQGHLEDMLLTTL SGLQHVLPP
LSCDYDLSLPFPVCESCPLYKKLRLSTDTVEHSLDNKDGPLCLQVKPCTPEFYQTHFQLAYRLQS
RPRGLALVLSNVHFTGEKELEFRSGGDVDHSTLVTLFKLLGYDVHVLCDQTAQEMQEKLQNFAQ
LPAHRVTDSCVALLSHGVEGAIYGVGDKLLQLQEVFQLFDNANCP SLQNKPKMFFIQACRGDET
DRGVDQQDGKNHAGSPGCEESDAGKEKLPKMRLPTRSDMICGYACLKGTAAMRNTKRGSWYIE
ALAQVFSEACDMHVADMLVKVNALIKDREGYAPGTEFHRCKEMSEY CSTLCRHLYLFP GHPPT

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — CASP2

Entrez GeneID [835](#)

GeneBank Accession# [BC002427](#)

Protein Accession# [AAH02427.2](#)

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](#)
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- [Neoplasms](#)
- [Occupational Diseases](#)
- [Prostatic Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)