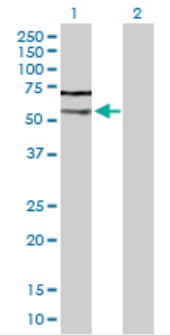
MaxPab®

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	MAAPSAGSWSTFQHKELMAADRGRRILGVCGMHPHHQETLKKNRVVLAKQLLLSELLEHLLEKDI ITLEMRELIQAKVGSFSQNVELLNLLPKRGPQAFDAFCEALRETKQGHLEDMLLTTLSGLQHVLPP LSCDYDLSLPFPVCESCPLYKKLRLSTDTVEHSLDNKDGPLCLQVKPCTPEFYQTHFQLAYRLQS RPRGLALVLSNVHFTGEKELEFRSGGDVDHSTLVTLFKLLGYDVHVLCDQTAQEMQEKLQNFAQ LPAHRVTDSCIVALLSHGVEGAIYGVDGKLLQLQEVFQLFDNANCPSLQNKPKMFFIQACRGDET DRGVDQQDGKNHAGSPGCEESDAGKEKLPKMRLPTRSDMICGYACLKGTAAMRNTKRGSWYIE ALAQVFSERACDMHVADMLVKVNALIKDREGYAPGTEFHRCKEMSEYCSTLCRHLYLFPGHPPT
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

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- Gastrointestinal Stromal Tumors
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hematologic Diseases
- Hodgkin Disease
- Lymphoma
- Lymphoproliferative Disorders
- Multiple Sclerosis
- Neoplasm Recurrence
- Neoplasms
- Occupational Diseases
- Prostatic Neoplasms
- Waldenstrom Macroglobulinemia
- Werner syndrome

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