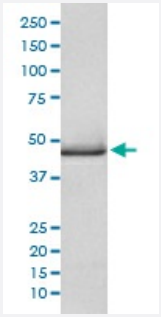
CASP9 monoclonal antibody, clone GAH-3

Catalog # MAB20627 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell lysate using CASP9 monoclonal antibody, clone GAH-3.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human CASP9.
Immunogen	A synthetic peptide corresponding to human CASP9.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) 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 st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

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

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Flow Cytometry
- Western Blot (Cell lysate)

  Western Blot analysis of Jurkat cell lysate using CASP9 monoclonal antibody, clone GAH-3.

Gene Info — CASP9

Entrez GeneID	842
Protein Accession#	P55211
Gene Name	CASP9
Gene Alias	APAF-3, APAF3, CASPASE-9c, ICE-LAP6, MCH6
Gene Description	caspase 9, apoptosis-related cysteine peptidase
Omim ID	602234
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequentia l activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases e xist 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. This protein is p rocessed by caspase APAF1; this step is thought to be one of the earliest in the caspase activati on cascade. Alternative splicing results in two transcript variants which encode different isoforms. [provided by RefSeq
Other Designations	ICE-like apoptotic protease 6|OTTHUMP00000002322|OTTHUMP00000002323|OTTHUMP000 00044594|apoptotic protease MCH-6|apoptotic protease activating factor 3|caspase 9|caspase 9, apoptosis-related cysteine protease

Pathway

- Amyotrophic lateral sclerosis (ALS)

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- Apoptosis
- Colorectal cancer
- Endometrial cancer
- Non-small cell lung cancer
- p53 signaling pathway
- Pancreatic cancer
- Pathways in cancer
- Prostate cancer
- Small cell lung cancer
- VEGF signaling pathway

Disease

- Adenocarcinoma
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Carcinoma
- Cardiovascular Diseases
- Clubfoot
- Colorectal Neoplasms
- Crohn Disease
- Diabetes Mellitus
- Disease Progression
- Edema
- Esophageal Neoplasms
- Gastrointestinal Stromal Tumors
- Genetic Predisposition to Disease

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- Hematologic Diseases
- Hepatitis
- Hodgkin Disease
- Intestinal Fistula
- Kidney Failure
- Leukemia
- Lung Neoplasms
- Lymphatic Metastasis
- Lymphoma
- Lymphoproliferative Disorders
- Multiple Myeloma
- Multiple Sclerosis
- NARP
- Neoplasm Metastasis
- Neoplasm Recurrence
- Neoplasms
- Neovascularization
- Occupational Diseases
- Pancreatic Neoplasms
- Prostatic Neoplasms
- Pulmonary Disease
- Small Cell Lung Carcinoma
- Stomach Neoplasms

- Substance-Related Disorders
- Tobacco Use Disorder
- Urinary Bladder Neoplasms

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- Waldenstrom Macroglobulinemia
- Werner syndrome

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