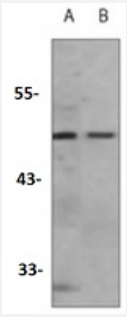
RecomAb™

CASP9 recombinant monoclonal antibody

Catalog # RAB02438 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of NIH3T3 (A), Hela (B) whole cell lysates with Caspase 9 recombinant monoclonal antibody (Cat # RAB02438).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CASP9.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein of human Caspase-9.
Theoretical MW (kDa)	49
Reactivity	Human, Mouse
Specificity	Recognizes endogenous levels of Caspase 9 protein.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Immunogen affinity chromatography
Isotype	IgG

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Recommend Usage	Immunoprecipitation(1:10-1:50) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunoprecipitation
- Western Blot (Cell lysate)

  Western blot analysis of NIH3T3 (A), Hela (B) whole cell lysates with Caspase 9 recombinant monoclonal antibody (Cat # RAB02438).

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

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Other Designations	ICE-like apoptotic protease 6|OTTHUMP00000002322|OTTHUMP00000002323|OTTHUMP00000044594|apoptotic protease MCH-6|apoptotic protease activating factor 3|caspase 9|caspase 9, apoptosis-related cysteine protease

Pathway

- Amyotrophic lateral sclerosis (ALS)
- 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

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- Diabetes Mellitus
- Disease Progression
- Edema
- Esophageal Neoplasms
- Gastrointestinal Stromal Tumors
- Genetic Predisposition to Disease
- 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

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- Pulmonary Disease
- Small Cell Lung Carcinoma
- Stomach Neoplasms
- Substance-Related Disorders
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Waldenstrom Macroglobulinemia
- Werner syndrome

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