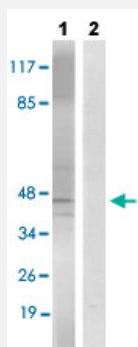


CASP9 (phospho T125) polyclonal antibody

Catalog # PAB29257

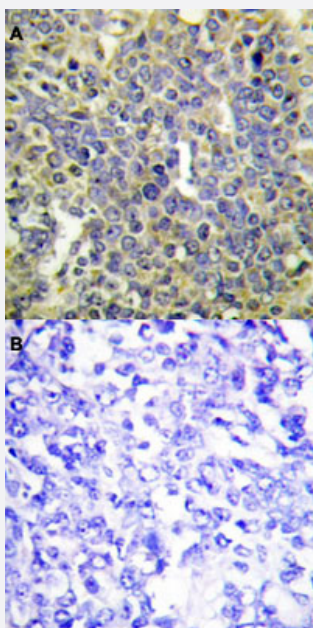
Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane 1: TNF treated HeLa cells, Lane 2: antigen-specific peptide treated HeLa cells with CASP9 (phospho T125) polyclonal antibody (Cat# PAB29257) at 1:500-1:1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung cancer tissue with CASP9 (phospho T125) polyclonal antibody (Cat# PAB29257) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic phosphopeptide of human CASP9.

Immunogen

Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding T125 of human CASP9.

Host	Rabbit
Theoretical MW (kDa)	47
Reactivity	Human, Mouse, Rat
Specificity	CASP9 (phospho T125) polyclonal antibody was produced against synthesized phosphopeptide derived from human CASP9 around the phosphorylation site of threonine 125 (P-E-TP-P-R).
Form	Liquid
Purification	Affinity Chromatography
Recommend Usage	Immunohistochemistry (1:50~1:100) Western Blot (1:500~1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to 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 Lane 1: TNF treated HeLa cells, Lane 2: antigen-specific peptide treated HeLa cells with CASP9 (phospho T125) polyclonal antibody (Cat# PAB29257) at 1:500-1:1000 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung cancer tissue with CASP9 (phospho T125) polyclonal antibody (Cat# PAB29257) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

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. 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. This protein is processed by caspase APAF1; this step is thought to be one of the earliest in the caspase activation cascade. Alternative splicing results in two transcript variants which encode different isoforms. [provided by RefSeq]
Other Designations	ICE-like apoptotic protease 6 OTTHUMP00000002322 OTTHUMP00000002323 OTTHUMP0000044594 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](#)
- [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](#)
- [Pulmonary Disease](#)
- [Small Cell Lung Carcinoma](#)
- [Stomach Neoplasms](#)
- [Substance-Related Disorders](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)