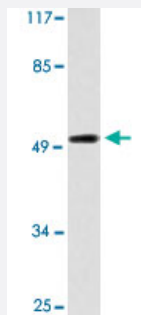


CASP2 polyclonal antibody

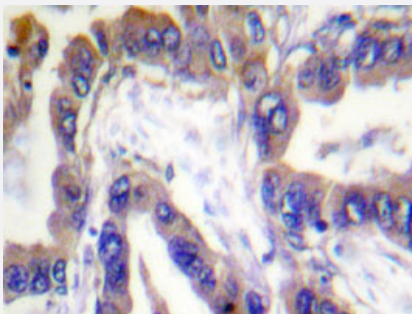
Catalog # PAB25093 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HUVEC cell lysate treated with Adriamycin 0.5uM 4h with CASP2 polyclonal antibody (Cat # PAB25093).



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

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using CASP2 polyclonal antibody (Cat # PAB25093).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CASP2.
Immunogen	A synthetic peptide corresponding to CASP2.
Host	Rabbit
Theoretical MW (kDa)	51
Reactivity	Human
Specificity	CASP2 polyclonal antibody detects endogenous levels of CASP2 protein.
Form	Liquid

Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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 HUVEC cell lysate treated with Adriamycin 05uM 4h with CASP2 polyclonal antibody (Cat # PAB25093).

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

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using CASP2 polyclonal antibody (Cat # PAB25093).

Gene Info — CASP2

Entrez GeneID	835
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](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Prostatic Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)