

## Caspase 9 antibody

Catalog No: #22978

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## Description

Product Name	Caspase 9 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 88 and 403 of Human CASP9
Target Name	Caspase 9
Accession No.	NCBI Gene ID: 842NCBI mRNA#: NM_001229NCBI Protein#: NP_001220
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

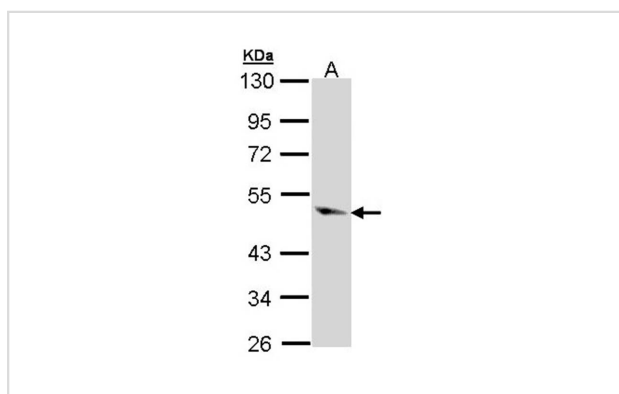
## Application Details

Predicted MW: 46kd

Western blotting: 1:500-1:3000

Immunohistochemistry 1:100-1:500

## Images



Sample (30 ug of whole cell lysate)

A: 293T

10% SDS PAGE

Primary antibody diluted at 1: 1000

## Background

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]

## Published Papers

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el at., Combination of cytokinin and auxin induces apoptosis, cell cycle progression arrest and blockage of the Akt pathway in HeLa cells. In Mol Med Rep on 2015 Jul by Liwei Zhao , Peng Liu et al..PMID: 25738331, , (2015)

[PMID:25738331](#)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.