

Datasheet for ABIN7260607
anti-Caspase 9 antibody

7 Images

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Overview

Quantity:	200 µL
Target:	Caspase 9 (CASP9)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein of human Caspase-9
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Caspase 9 (CASP9)
Alternative Name:	Caspase-9 (CASP9 Products)
Background:	<p>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</p>

Target Details

enzyme. This protein can undergo autoproteolytic processing and activation by the apoptosome, a protein complex of cytochrome c and the apoptotic peptidase activating factor 1, this step is thought to be one of the earliest in the caspase activation cascade. This protein is thought to play a central role in apoptosis and to be a tumor suppressor. Alternative splicing results in multiple transcript variants.

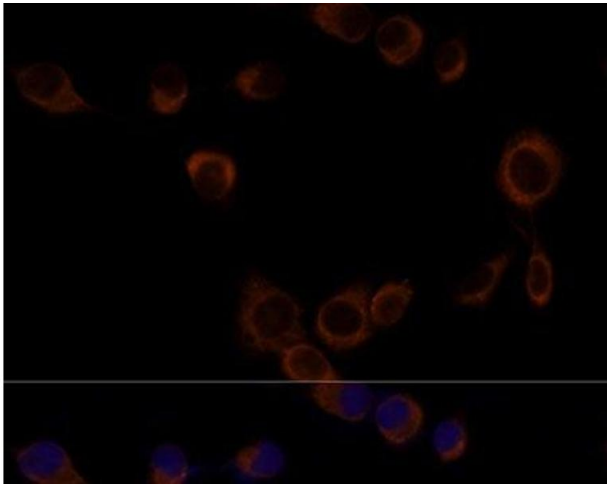
Molecular Weight:	Observed_MW: 36 kDa/46 kDa Calculated_MW: 17 kDa/30 kDa/36 kDa/46 kDa
Gene ID:	842
UniProt:	P55211
Pathways:	MAPK Signaling , RTK Signaling , Apoptosis , Caspase Cascade in Apoptosis , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:100
Restrictions:	For Research Use only

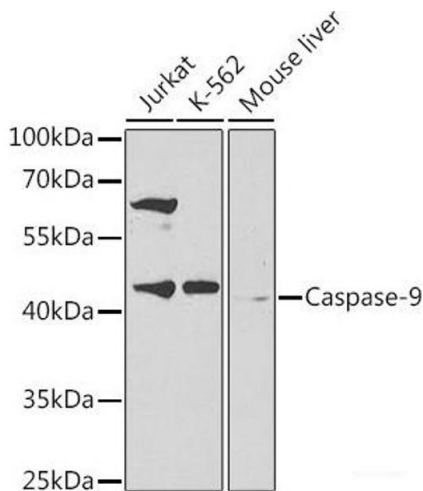
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



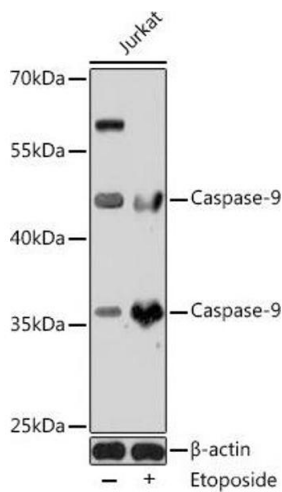
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using Caspase-9 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using Caspase-9 Polyclonal Antibody at dilution of 1:300.



Western Blotting

Image 3. Western blot analysis of extracts of Jurkat cells using Caspase-9 Polyclonal Antibody at dilution of 1:1000.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7260607.