

Datasheet for ABIN3030325
anti-Caspase 9 antibody (AA 183-211)



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5 Images

Overview

Quantity:	0.4 mL
Target:	Caspase 9 (CASP9)
Binding Specificity:	AA 183-211
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 183-211 from the human protein was used as the immunogen for this Caspase-9 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	Caspase 9 (CASP9)
Alternative Name:	Caspase-9 (CASP9 Products)
Background:	Caspase 9 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

Target Details

residues to produce 2 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.

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: Titration of the Caspase-9 antibody may be required due to differences in protocols and secondary/substrate sensitivity. Western blot: 1:1000, IHC (Paraffin): 1:10-1:50, Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

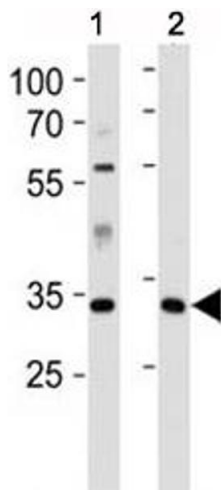
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

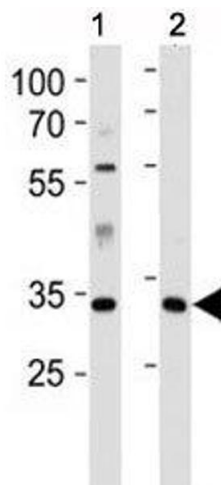
Storage: -20 °C

Storage Comment: Aliquot the Caspase-9 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



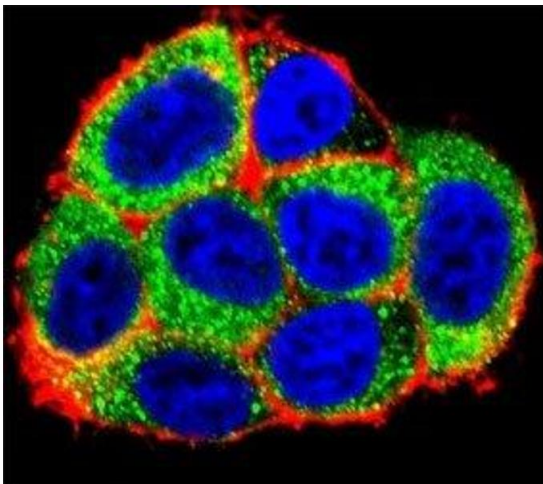
Western Blotting

Image 1. Caspase-9 antibody western blot analysis in 1) human HeLa and 2) mouse L929 lysate



Western Blotting

Image 2. Caspase-9 antibody western blot analysis in 1) human HeLa and 2) mouse L929 lysate



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of Caspase-9 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030325.