

Caspase 9 (active) Polyclonal Antibody

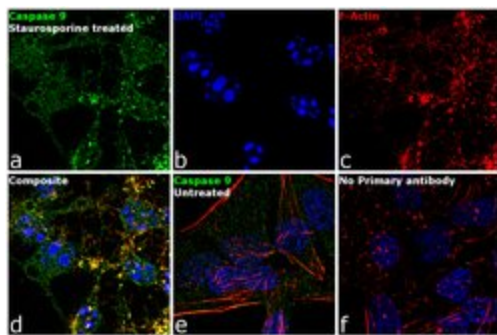
Product Details	
Size	50 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Form	Liquid
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 50% glycerol, 0.5% BSA
Contains	0.02% thimerosal
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_779546

Applications	Tested Dilution	Publications
Western Blot (WB)	0.5-4 µg/mL	-
Immunocytochemistry (ICC)	5 µg/mL	-
Immunofluorescence (IF)	5 µg/mL	-
Immunoprecipitation (IP)	10-20 µg/mL	-

Product Specific Information

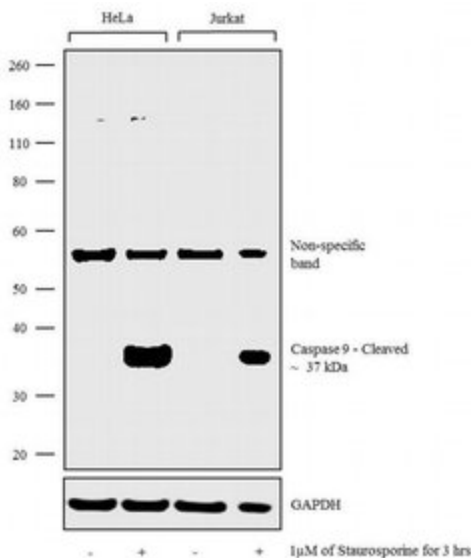
PA1-26434 detects active Caspase 9 from human samples.

Advanced Verification Data



Caspase 9 (active) Antibody (PA1-26434)

Altered expression of target protein upon cell treatment demonstrates antibody specificity. Immunofluorescence analysis of Caspase 9 using Anti-Caspase 9 Rabbit polyclonal Antibody (Product # PA1-26434) shows expression of Caspase 9 in HeLa cell line upon Staurosporine treatment. Cell treatment validation info.



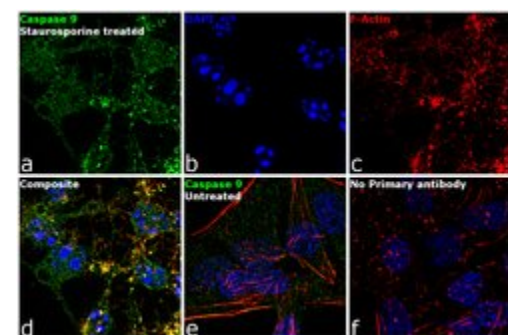
Caspase 9 (active) Antibody (PA1-26434)

Altered expression of target protein upon cell treatment demonstrates antibody specificity. Western blot using Anti-Caspase 9 (active) Polyclonal Antibody (Product # PA1-26434) shows cleaved Caspase 9 protein upon treatment with Staurosporine in HeLa and Jurkat cell lines. A non-specific band was also observed at ~58 kDa in all the lanes. Cell treatment validation info.

Product Images For Caspase 9 (active) Polyclonal Antibody

Caspase 9 (active) Antibody (PA1-26434) in ICC

Immunofluorescence analysis of Caspase 9 was performed using 70% confluent log phase HeLa cells treated with 1 μM of Staurosporine for 3 hours. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with Caspase 9 Rabbit Polyclonal Antibody (Product # PA1-26434) at 5 microgram/mL in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing cytoplasmic and nuclear localization. Panel e shows untreated cells with reduced signal. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



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