

Product Datasheet

Caspase-9 Antibody - BSA Free NBP1-76961

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-76961

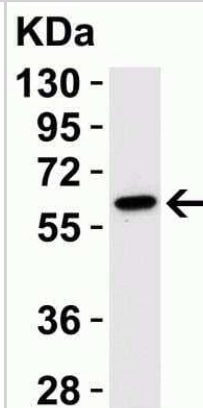
Caspase-9 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	46 kDa
Product Description	
Description	Novus Biologicals Rabbit Caspase-9 Antibody - BSA Free (NBP1-76961) is a polyclonal antibody validated for use in WB, ELISA, ICC/IF and IP. Anti-Caspase-9 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	842
Gene Symbol	CASP9
Species	Human, Mouse
Specificity/Sensitivity	Caspase-9 antibody is predicted to have no cross reactivity to other members in the caspase family. Human CASPASE 9 has 4 isoforms, including isoform 1 (416aa, 46kD), isoform 2 (266aa, 30kD), isoform 3 (154aa, 17kD), and isoform 4 (333aa, 37kD). Mouse CASPASE 9 has one isoform (454aa, 50kD) and Rat CASPASE 9 also has one isoform (454aa, 50kD). NBP1-76961 can detect human and mouse isoform.
Immunogen	Antibody was raised against a peptide corresponding to 20 amino acids near the center of human Caspase 9. The immunogen is located within amino acids 290-340 of Caspase 9. Amino Acid Sequence: ASTSPEDESPGSNPEPDATP
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunocytochemistry
Recommended Dilutions	Western Blot 1 ug/mL, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 2-20 ug/mL, Immunoprecipitation, Immunocytochemistry 2-5 ug/mL

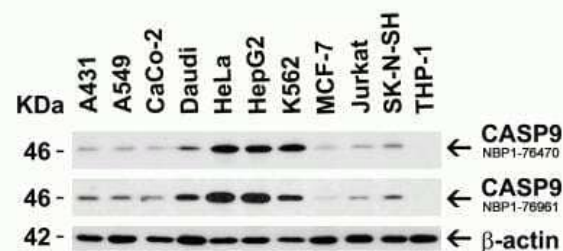


Images

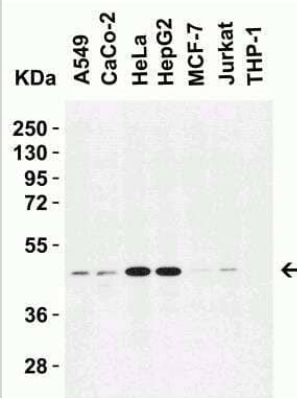
Western Blot: Caspase-9 Antibody [NBP1-76961] - Western Blot Validation in Mouse Cell Line. Loading: 15 ug of 3T3/NIH cell lysate. Antibodies: : Caspase 9, NBP1-76961 (1 ug/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



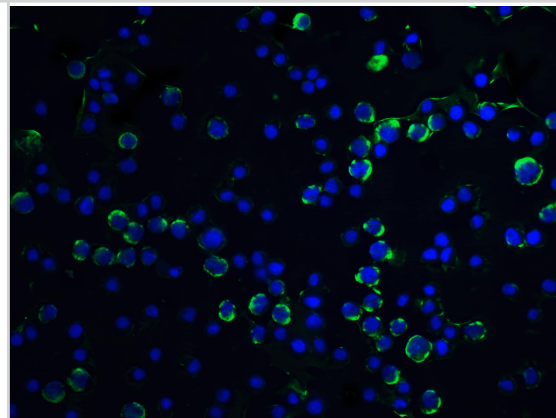
Western Blot: Caspase-9 Antibody [NBP1-76961] - Independent Antibody Validation (IAV) via Protein Expression Profile in Human Cell Lines. Loading: 15 ug of lysates per lane. Antibodies: Caspase 9, NBP1-76470 (1 ug/mL), Caspase 9, NBP1-76961 (1 ug/mL) and beta-actin (1.5 ug/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



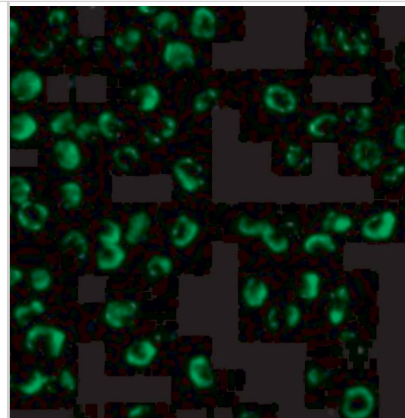
Western Blot: Caspase-9 Antibody [NBP1-76961] - Western Blot Validation in Human Cell Lines. Loading: 15 ug of lysates per lane. Antibodies: : Caspase 9, NBP1-76961 (1 ug/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



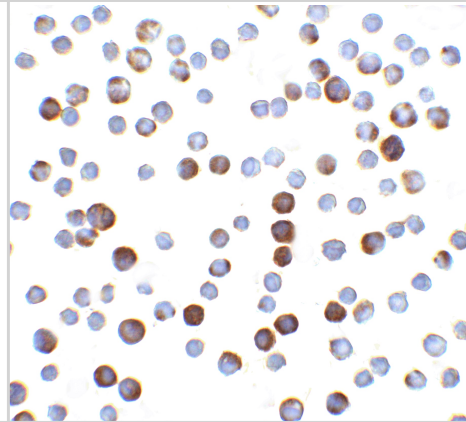
Immunocytochemistry/ Immunofluorescence: Caspase-9 Antibody - BSA Free [NBP1-76961] - Validation of Caspase 9 in HeLa Cells. Immunofluorescent analysis of 4% paraformaldehyde-fixed HeLa cells labeling Caspase 9 with at 5 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



Immunocytochemistry/ Immunofluorescence: Caspase-9 Antibody - BSA Free [NBP1-76961] - Immunofluorescence Validation of Caspase 9 in K562 Cells. Immunofluorescent analysis of 4% paraformaldehyde-fixed K562 cells labeling Caspase 9 with at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green).



Immunocytochemistry/ Immunofluorescence: Caspase-9 Antibody - BSA Free [NBP1-76961] - Validation of Caspase 9 in HeLa Cells. Immunocytochemical analysis of HeLa cells using anti-Caspase 9 antibody at 5 ug/ml. Cells was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Publications

Marwarha G, Rosand o, Scrimgeour N et al. miR-210 Regulates Apoptotic Cell Death during Cellular Hypoxia and Reoxygenation in a Diametrically Opposite Manner *Biomedicines* 2021-12-25 [PMID: 35052722] (ELISA)



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Products Related to NBP1-76961

NBP3-11853	Jurkat Staurosporine Treated / Untreated Cell Lysate
NBP1-76961PEP	Caspase-9 Antibody Blocking Peptide
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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