

Product Datasheet

Caspase-3 Antibody (31A893) - Azide and BSA Free NBP2-80613

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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NBP2-80613

Caspase-3 Antibody (31A893) - Azide and BSA Free

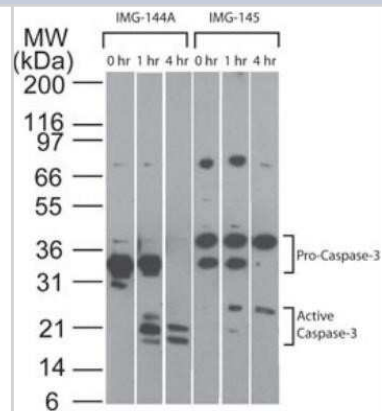
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	31A893
Preservative	No Preservative
Isotype	IgG
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	31.7 kDa

Product Description	
Host	Mouse
Gene ID	836
Gene Symbol	CASP3
Species	Human
Immunogen	This Caspase-3 Antibody (31A893) - Azide and BSA Free was developed against recombinant full-length human Caspase-3 protein.

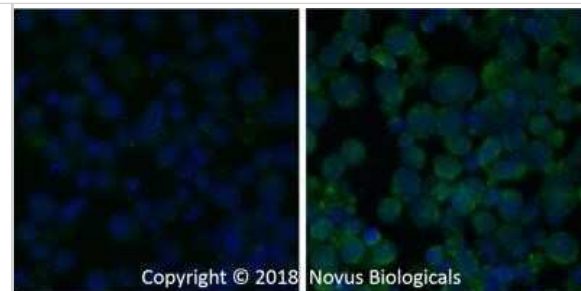
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 2 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 5 ug/ml
Application Notes	For IHC-P validation of this target, 1M EDTA pH 9.0 buffer was used for antigen retrieval (citrate buffer pH 6.0 did not work).

Images

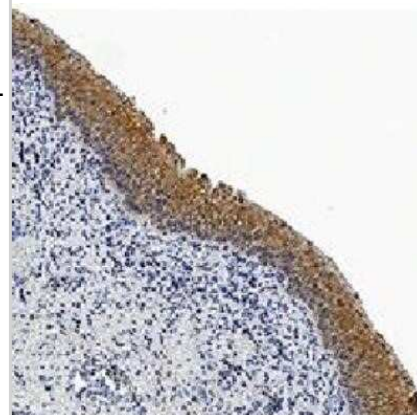
Western Blot: Caspase-3 Antibody (31A893) - Azide and BSA Free [NBP2-80613] - Analysis of Caspase-3 in Jurkat cells. Cells were treated with 2 uM staurosporine for different time periods. Caspase-3 activation is detected in Western blots by the presence of Caspase-3 cleavage fragments. These antibodies detect both pro (full-length) and active (cleaved) Caspase-3, depending on the treatment time points. A basal level of endogenous active Caspase-3 may be seen in untreated Jurkat cells. Image from the standard format of this antibody.



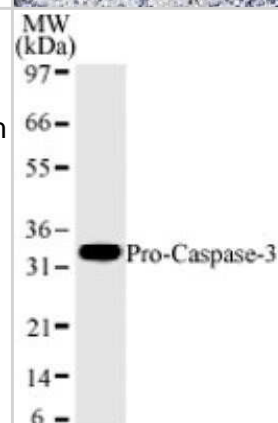
Immunocytochemistry/Immunofluorescence: Caspase-3 Antibody (31A893) - Azide and BSA Free [NBP2-80613] - Left panel: Untreated Jurkat cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton X-100. The cells were incubated with Caspase-3 Antibody (31A893) at 10 ug/mL overnight at 4C and detected with an anti-Mouse IgG Dylight 488 (Green) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



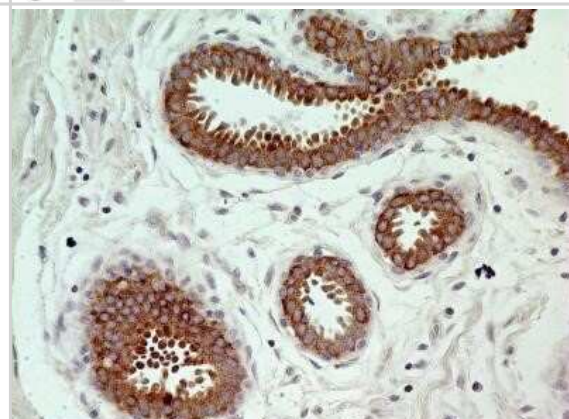
Immunohistochemistry-Paraffin: Caspase-3 Antibody (31A893) - Azide and BSA Free [NBP2-80613] - Caspase-3 was detected in immersion fixed paraffin-embedded sections of human bladder tissue using 5 ug/mL of mouse monoclonal Caspase-3 Antibody (31A893) (NB100-56709, Novus Biologicals), for 1 hour at room temperature followed by anti-mouse IgG VisUCyte



Western Blot: Caspase-3 Antibody (31A893) - Azide and BSA Free [NBP2-80613] - Analysis for human Caspase-3 using HL60 lysates with Caspase-3 Antibody (31A893) at 2 ug/mL dilution. NB100-56709 only detects a 32 kD Caspase-3 corresponding to pro-Caspase-3. Image from the standard format of this antibody.



Immunohistochemistry: Caspase-3 Antibody (31A893) - Azide and BSA Free [NBP2-80613] - Tissue section of normal human breast using 5 ug/mL concentration of Caspase-3 Antibody (31A893). Very strong diffused as well as granular immunopositivity of Caspase 3 was observed specifically in the cytoplasmic of ductal /acinar epithelial cells. Image





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Products Related to NBP2-80613

NBP3-11853	Jurkat Staurosporine Treated / Untreated Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse 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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