

# Product Datasheet

## Caspase-3 Antibody (7T1W5) - Active, Pro NBP3-15840-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-15840-100ul**

Caspase-3 Antibody (7T1W5) - Active, Pro

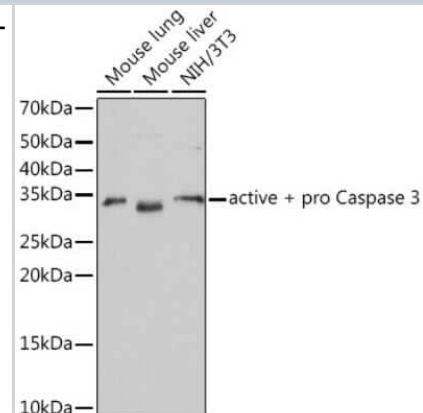
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7T1W5
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Caspase-3 Antibody (7T1W5) - Active, Pro (NBP3-15840) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	836
Gene Symbol	CASP3
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 29-175 of human Caspase-3 (P42574). SGISLDNSYKMDYPEMGLCIIINKNFHKSTGMTSRSGTDVDAANLRETFRNLK YEVNRKNDLTREEIVELMRDVSKEHDSKRSSFVCVLLSHGEEGIIFGTNGPVDL KKITNFFRGGDRCSRSLTGKPKLFIQACRGTELDGCIETD

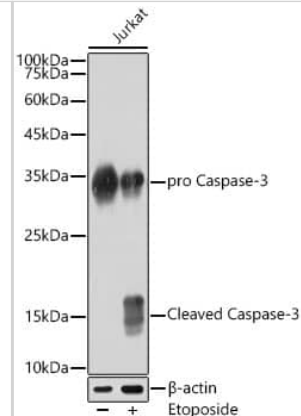
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Knockout Validated
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Knockout Validated

**Images**

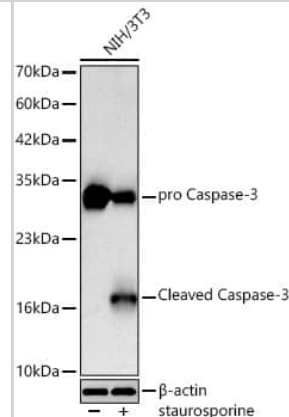
Western Blot: Caspase-3 Antibody (1U1D9) - Active, Pro [NBP3-15840] - Western blot analysis of extracts of various cell lines, using Caspase-3 antibody (NBP3-15840) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



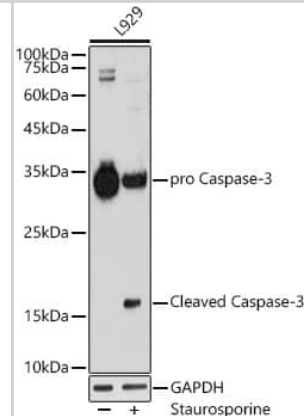
Western Blot: Caspase-3 Antibody (7T1W5) - Active, Pro [Caspase-3] - Western blot analysis of lysates from Jurkat cells, using [KO Validated] active + pro Caspase-3 Rabbit mAb at 1:1000 dilution. Jurkat cells were treated by Etoposide (25  $\mu$ M) at 37C for 5 hours.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit .  
Exposure time: 90s.



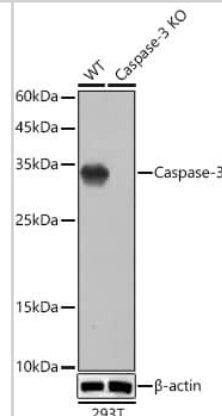
Western Blot: Caspase-3 Antibody (7T1W5) - Active, Pro [Caspase-3] - Western blot analysis of lysates from NIH/3T3 cells using Caspase-3 Rabbit mAb at 1:1000 dilution incubated overnight at 4C. NIH/3T3 cells were treated by staurosporine(1  $\mu$ M) for 3 hour.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 30 ug per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection: ECL Basic Kit .  
Exposure time: 90s.



Western Blot: Caspase-3 Antibody (7T1W5) - Active, Pro [Caspase-3] - Western blot analysis of lysates from L929 cells, using [KO Validated] active + pro Caspase-3 Rabbit mAb at 1:1000 dilution. L929 cells were treated by staurosporine(1  $\mu$ M) for 3 hour.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit .  
Exposure time: 180s.



Western Blot: Caspase-3 Antibody (7T1W5) - Active, Pro [Caspase-3] - Western blot analysis of lysates from wild type (WT) and Caspase-3 knockout (KO) 293T cells using [KO Validated] Caspase-3 Rabbit mAb at 1:1000 dilution incubated overnight at 4C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25 ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit .  
Exposure time: 10s.





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### **Products Related to NBP3-15840-100ul**

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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

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### **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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