

# Product Datasheet

## Caspase-3 Antibody - BSA Free NBP1-90125

Unit Size: 0.1 ml

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

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### Publications: 2

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Updated 12/2/2025 v.20.1

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**NBP1-90125**

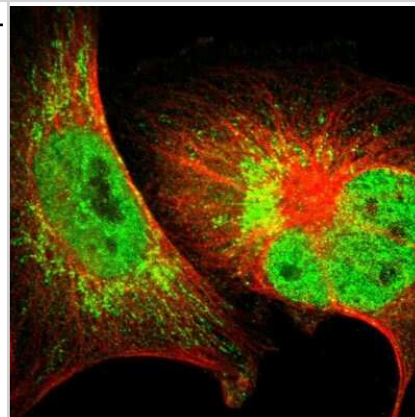
Caspase-3 Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Target Molecular Weight</b>	31.7 kDa
Product Description	
<b>Description</b>	Novus Biologicals Rabbit Caspase-3 Antibody - BSA Free (NBP1-90125) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Caspase-3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	836
<b>Gene Symbol</b>	CASP3
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	Rat reactivity reported in scientific literature (PMID: 23901245). Mouse (84%).
<b>Immunogen</b>	This Caspase-3 Antibody was developed against a recombinant Protein corresponding to amino acids: HGSESMDSGISLDNSYKMDYPEMGLCIIINNKNFHKSTGMTSRSGTDVDAANL RETFRNLKYEVRNKNDLTREEIVELMRDVSKEHHSKRSSFVCVLLSHGEEGIIF GTNGPVDL
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

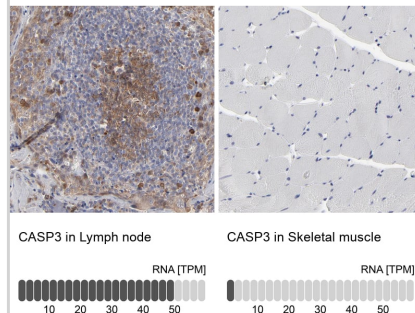


## Images

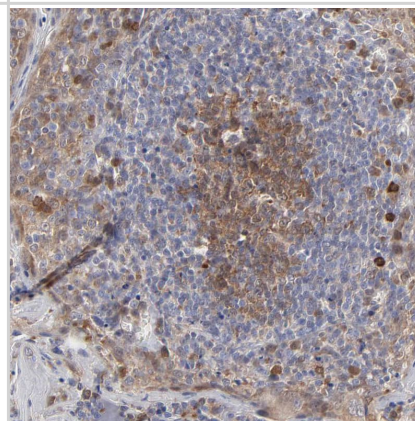
Immunocytochemistry/Immunofluorescence: Caspase-3 Antibody [NBP1-90125] - Staining of human cell line U-251 MG shows localization to nucleoplasm and mitochondria. Antibody staining is shown in green.



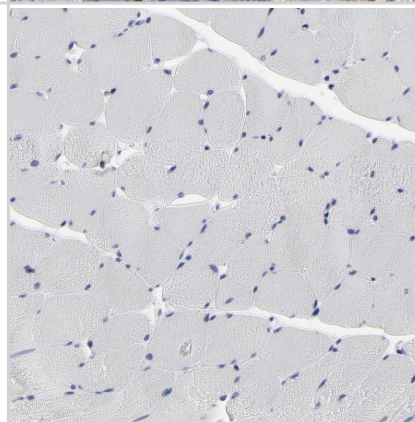
Analysis in human lymph node and skeletal muscle tissues using NBP1-90125 antibody. Corresponding CASP3 RNA-seq data are presented for the same tissues.



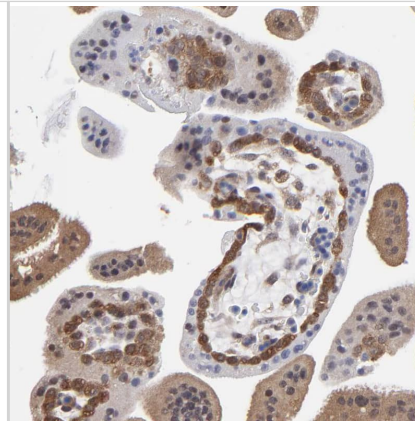
Staining of human lymph node shows moderate to strong cytoplasmic positivity in germinal center cells.



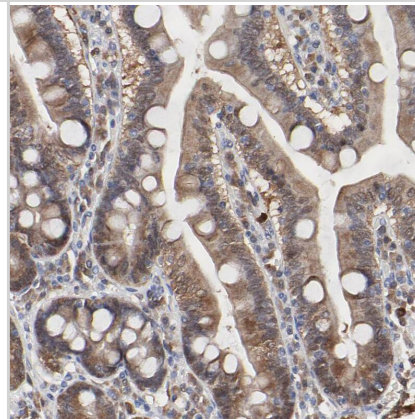
Staining of human skeletal muscle shows no cytoplasmic positivity in myocytes as expected.



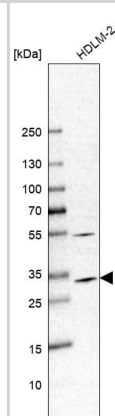
Staining of human placenta shows weak to moderate cytoplasmic positivity in trophoblastic cells.



Staining of human appendix shows moderate to strong cytoplasmic positivity in glandular cells.



Analysis in human cell line HDLM-2.



## Publications

Cheng□Chiao Huang, Chia□Ming Hsu, Min□Wu Chao, Kai□Cheng Hsu, Tony Eight Lin, Shih□Chung Yen, Huang□Ju Tu, Shio□Lin Pan In silico identification of a novel Cdc2□like kinase 2 (CLK2) inhibitor in triple negative breast cancer Protein Science : A Publication of the Protein Society 2024-05-09 [PMID: 38723164]

Contin MA, Arietti MM, Benedetto MM et al. Photoreceptor damage induced by low-intensity light: model of retinal degeneration in mammals. Mol Vis 2013-01-01 [PMID: 23901245] (WB, Rat)



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### **Products Related to NBP1-90125**

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NBP3-11853	Jurkat Staurosporine Treated / Untreated Cell Lysate
NBP1-90125PEP	Caspase-3 Recombinant Protein Antigen
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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