

# Product Datasheet

## Caspase-4 Antibody - BSA Free

### NBP1-87681

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 1

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Updated 10/19/2025 v.20.1

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**NBP1-87681**

Caspase-4 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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

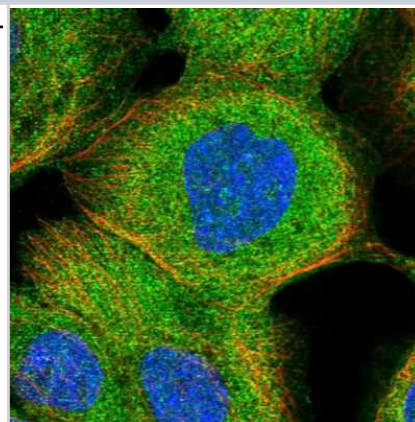
<b>Description</b>	Novus Biologicals Rabbit Caspase-4 Antibody - BSA Free (NBP1-87681) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-Caspase-4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	837
<b>Gene Symbol</b>	CASP4
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LESLGKDFLTGVLDNLVEQNVNLNWKEEEKKKYYDAKTEDKVRVMADSMQEKQ RMAGQMLLQTFFNIDQISPNKKAHPNMEAGPPESGESTDALK

**Product Application Details**

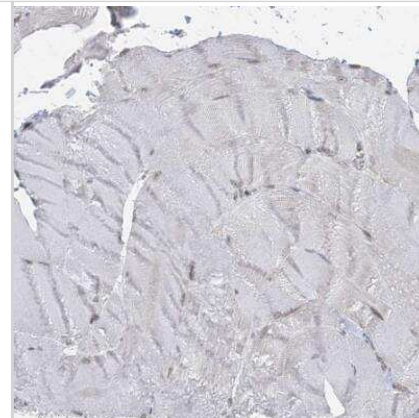
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

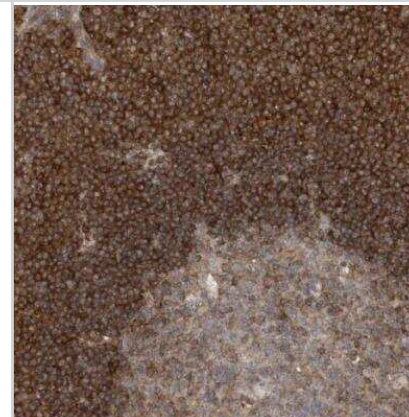
Immunocytochemistry/Immunofluorescence: Caspase-4 Antibody [NBP1-87681] - Immunofluorescent staining of human cell line A-431 shows localization to plasma membrane & cytosol.



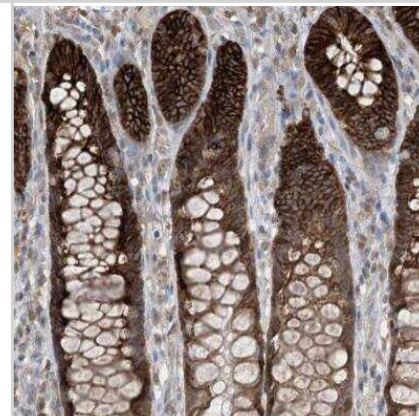
Immunohistochemistry-Paraffin: Caspase-4 Antibody [NBP1-87681] - Staining of human skeletal muscle shows very weak membranous positivity in myocytes.



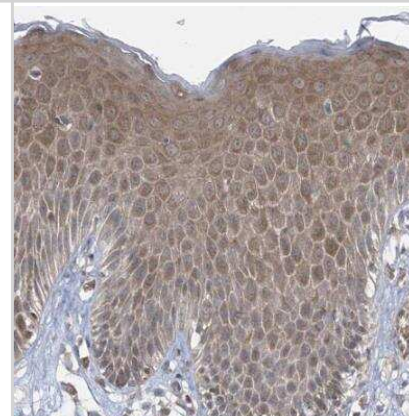
Immunohistochemistry-Paraffin: Caspase-4 Antibody [NBP1-87681] - Staining of human lymph node shows strong membranous and cytoplasmic positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: Caspase-4 Antibody [NBP1-87681] - Staining of human rectum shows strong membranous and cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Caspase-4 Antibody [NBP1-87681] - Staining of human skin shows moderate cytoplasmic positivity in squamous epithelial cells.



## Publications

Eltobgy MM, Zani A, Kenney AD et al. Caspase-4/11 exacerbates disease severity in SARS-CoV-2 infection by promoting inflammation and immunothrombosis Proceedings of the National Academy of Sciences of the United States of America 2022-05-24 [PMID: 35588457] (IHC-P, Mouse)



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### **Products Related to NBP1-87681**

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NBP3-11853	Jurkat Staurosporine Treated / Untreated Cell Lysate
NBP1-87681PEP	Caspase-4 Recombinant Protein Antigen
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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