

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.

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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

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

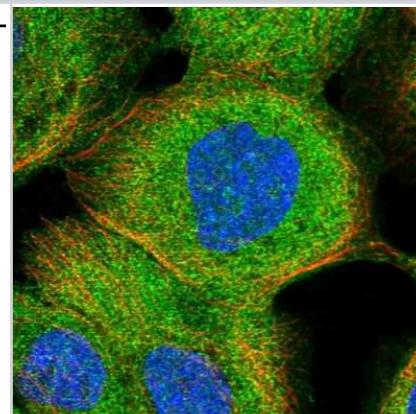
Description	Novus Biologicals Rabbit Caspase-4 Antibody - BSA Free (NBP1-87681) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-Caspase-4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	837
Gene Symbol	CASP4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

Product Application Details

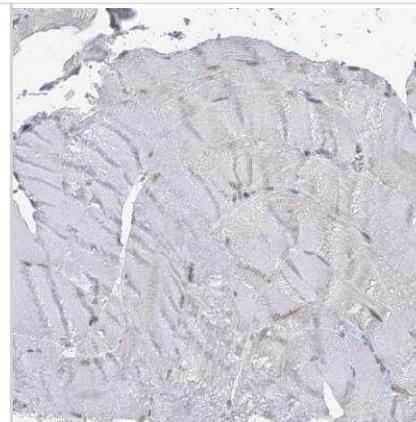
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER 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.



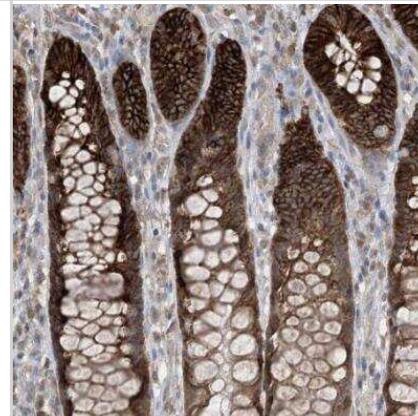
Immunohistochemistry-Paraffin: Caspase-4 Antibody [NBP1-87681] -
Staining of human skeletal muscle shows very weak membranous
positivity in myocytes.



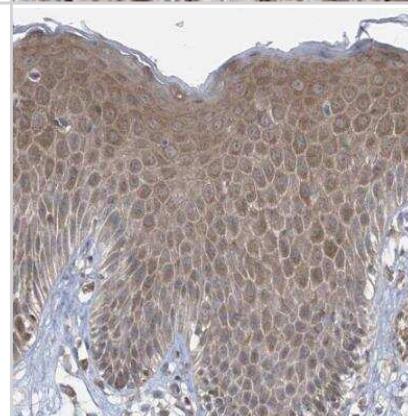
Immunohistochemistry-Paraffin: Caspase-4 Antibody [NBP1-87681] -
Staining of human lymph node shows strong membranous and
cytoplasmic positivity in non-germinal center cells.



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

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

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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