

Product Datasheet

Caspase-1 Antibody - BSA Free NBP1-76605

Unit Size: 0.1 mg

Store at 4C.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-76605

Updated 3/4/2026 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-76605



NBP1-76605

Caspase-1 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS

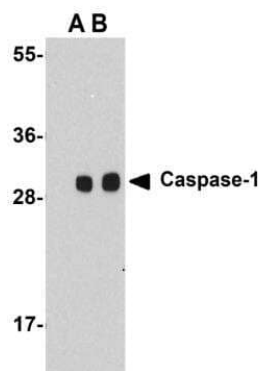
Product Description	
Host	Rabbit
Gene ID	834
Gene Symbol	CASP1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (88%), Porcine (81%), Equine (81%).
Specificity/Sensitivity	Depending on cell lines or tissues used, other cleavage products may be observed.
Immunogen	Caspase-1 Antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human Caspase-1. The immunogen is located within the last 50 amino acids of Caspase-1 (NP_001244047.1, NP_001244048.1, NP_150635.1, NP_150636.1). Amino Acid Sequence: SFEQPDGRAQMPTTER

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 2 ug/ml

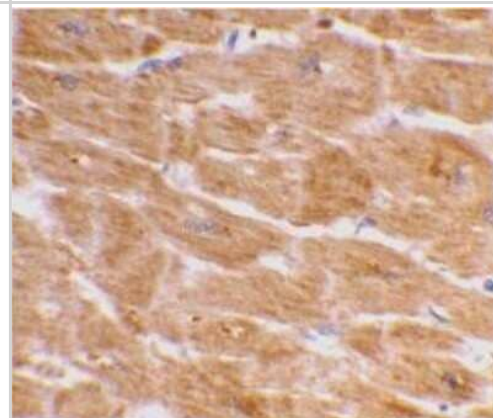


Images

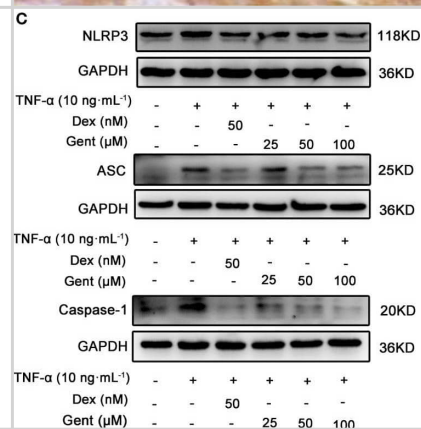
Western Blot: Caspase-1 Antibody [NBP1-76605] - Human heart cell lysate (A) 1 and (B) 2 ug/ml.



Immunohistochemistry-Paraffin: Caspase-1 Antibody [NBP1-76605] - Human heart tissue using Caspase-1 antibody at 2 ug/ml.



The impact of Gent on TNF- α -induced NLRP3 inflammasome activation in RA-FLS. (A, B) NLRP3 and caspase-1 levels in RA-FLS were assessed via immunofluorescence microscopy. Nuclei were stained with DAPI (blue) while NLRP3 and caspase-1 immunofluorescence were in green (scale bar = 50 μ m). (C) NLRP3, ASC, and caspase-1 levels were assessed via Western blotting in RA-FLS, with GAPDH as a loading control. Data were presented as the mean \pm SD from three independent experiments. #P < 0.05, ##P < 0.01, and ###P < 0.001 vs. control; *P < 0.05, **P < 0.01 vs. TNF- α group. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/32477105>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Chen, S, Zuo, Y Et al. The MC4 receptor agonist RO27-3225 inhibits NLRP1-dependent neuronal pyroptosis via the ASK1/JNK/p38 MAPK pathway in a mouse model of intracerebral haemorrhage. Br J Pharmacol 2019-05-01 [PMID: 30811584] (ICC/IF, Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-76605

NBP3-11853	Jurkat Staurosporine Treated / Untreated Cell Lysate
NBP1-76605PEP	Caspase-1 Antibody Blocking Peptide
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-76605

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

