

Product Datasheet

Caspase-8 Antibody - (Pro and Active) NBP1-05123

Unit Size: 0.05 ml

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

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 5

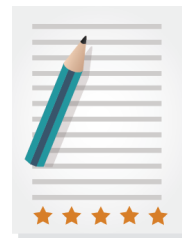
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-05123

Updated 10/23/2024 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/NBP1-05123



NBP1-05123**Caspase-8 Antibody - (Pro and Active)**

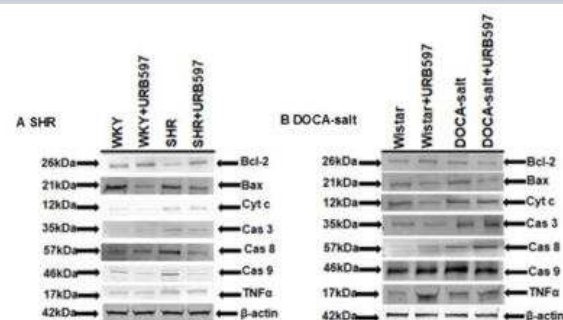
Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

Product Description	
Host	Rabbit
Gene ID	841
Gene Symbol	CASP8
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide corresponding to the C-terminus of human Caspase-8 (PQPTFTLRKKLVFSPD). This sequence is common to various Caspase-8 forms including: 1. Caspase 8a (aa 481-496 GenBank no. NP_001219.2) 2. Caspase 8b (aa 464-479, GenBank no. NP_203519.1) 3. Caspase 8c (aa 449-464, GenBank no. NP_203520.1) 4. Caspase 8L (aa 523-538, GenBank no. gbAAL87628.1) 5. Truncated caspase 8 (as 251-266, GenBank no. gi3928274)

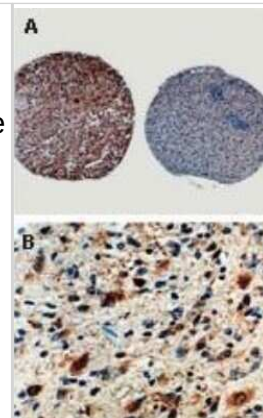
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:1000-1:5000, Immunohistochemistry-Frozen 1:10-1:500

Images

Western Blot: Caspase-8 Antibody - (Pro and Active) [NBP1-05123] - The level of proteins playing essential roles in programmed cell death (Bax, Bcl-2, Cyt c, and caspases 3, 8, and 9) and inflammation (TNF- α) in the heart of hypertensive rats (A) SHR and (B) DOCA-salt, and rats after administration of URB597. The expression of examined protein is shown in comparison to the control. Image collected and cropped by Citeab from the following publication (The Effect of Long-Term Administration of Fatty Acid Amide Hydrolase Inhibitor URB597 on Oxidative Metabolism in the Heart of Rats with Primary and Secondary Hypertension. Molecules (2018) licensed under a CC-BY license.



Immunohistochemistry-Paraffin: Caspase-8 Antibody - (Pro and Active) [NBP1-05123] - Formalin-fixed, paraffin-embedded sections from a brain tumor tissue array stained for Caspase-8 expression using NBP1-05123 at 1:2000. A. Anaplastic glioma cores from two different patients, positive (left) and negative (right) staining for caspase-8. B. Higher magnification from the caspase-8 positive (A, left) core.



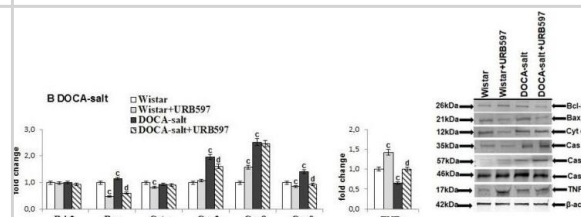
Western Blot: Caspase-8 Antibody - (Pro and Active) [NBP1-05123] - AML12 whole cell lysate. Good specific band is observed. Primary antibody at 1: 2000, secondary antibody at 1: 20000. Skimmed milk as blocking buffer. Western blot image submitted by a verified customer review.

Aml12 cells

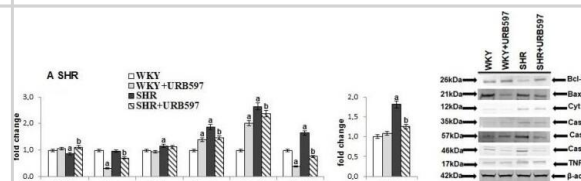


Caspase 8

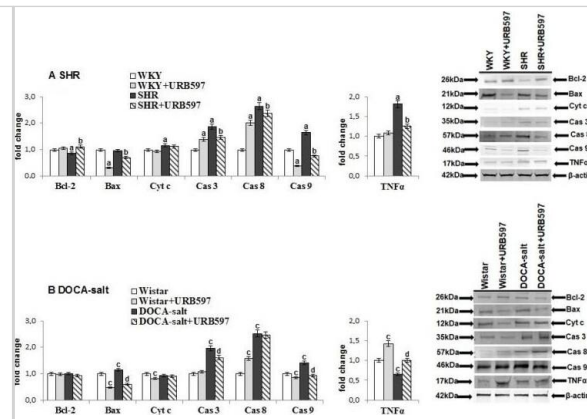
Western Blot: Caspase-8 Antibody - (Pro and Active) [NBP1-05123] - The level of proteins playing essential roles in programmed cell death (Bax, Bcl-2, Cyt c, & caspases 3, 8, & 9) & inflammation (TNF- α) in the heart of hypertensive rats (A) SHR & (B) DOCA-salt, & rats after administration of URB597. The expression of examined protein is shown in comparison to the control. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/30223427>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Western Blot: Caspase-8 Antibody - (Pro and Active) [NBP1-05123] - The level of proteins playing essential roles in programmed cell death (Bax, Bcl-2, Cyt c, & caspases 3, 8, & 9) & inflammation (TNF- α) in the heart of hypertensive rats (A) SHR & (B) DOCA-salt, & rats after administration of URB597. The expression of examined protein is shown in comparison to the control. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/30223427>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Western Blot: Caspase-8 Antibody - (Pro and Active) [NBP1-05123] - The level of proteins playing essential roles in programmed cell death (Bax, Bcl-2, Cyt c, & caspases 3, 8, & 9) & inflammation (TNF- α) in the heart of hypertensive rats (A) SHR & (B) DOCA-salt, & rats after administration of URB597. The expression of examined protein is shown in comparison to the control. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/30223427>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Yang X, Zeng Q, Tezel G Regulation of distinct caspase-8 functions in retinal ganglion cells and astroglia in experimental glaucoma *Neurobiology of disease* 2021-01-09 [PMID: 33434617] (IF/IHC, Human)

Biernacki M, Luczaj W, Jarocka-Karpowicz I et al. The Effect of Long-Term Administration of Fatty Acid Amide Hydrolase Inhibitor URB597 on Oxidative Metabolism in the Heart of Rats with Primary and Secondary Hypertension. *Molecules* 2018-09-14 [PMID: 30223427] (WB, Rat)

Tian F, Clift MJ, Casey A et al. Investigating the role of shape on the biological impact of gold nanoparticles in vitro. *Nanomedicine (Lond)* 2015-09-01 [PMID: 26377045]

Liu Q, Zhao X, Frissora F et al. FTY720 demonstrates promising preclinical activity for chronic lymphocytic leukemia and lymphoblastic leukemia/lymphoma. *Blood*. 2008-01-01 [PMID: 17761520]

Svingen PA, Karp JE, Krajewski S et al. Evaluation of Apaf-1 and procaspases-2, -3, -7, -8, and -9 as potential prognostic markers in acute leukemia. *Blood*. 2000-12-01 [PMID: 11090079]



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 NBP1-05123

NBP3-11853	Jurkat Staurosporine Treated / Untreated Cell Lysate
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/NBP1-05123

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

