

# Product Datasheet

## CIDEA Antibody - BSA Free

### NBP1-76950

Unit Size: 0.1 mg

Store at 4C.

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



[technical@novusbio.com](mailto:technical@novusbio.com)

**Reviews: 1** **Publications: 11**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-76950](http://www.novusbio.com/NBP1-76950)

Updated 10/23/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-76950](http://www.novusbio.com/reviews/destination/NBP1-76950)



**NBP1-76950**

CIDEA Antibody - BSA Free

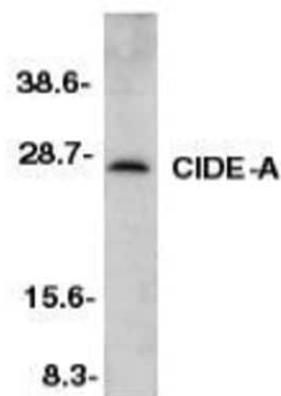
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	25 kDa

Product Description	
Description	Novus Biologicals Rabbit CIDEA Antibody - BSA Free (NBP1-76950) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-CIDEA Antibody: Cited in 11 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1149
Gene Symbol	CIDEA
Species	Human, Mouse
Specificity/Sensitivity	It has no cross activity to CIDE-B.
Immunogen	Antibody was raised against an 18 amino acid peptide near the carboxy terminus of mouse CIDE-A. The immunogen is located within the last 50 amino acids of CIDE-A. Amino Acid Sequence: GDTEEQPSPKPSTKG

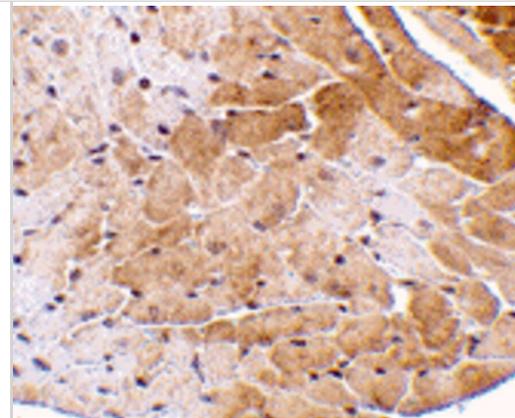
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.5 ug/mL, ELISA 1:100 - 1:2000, Immunohistochemistry 2.5 ug/mL, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin

**Images**

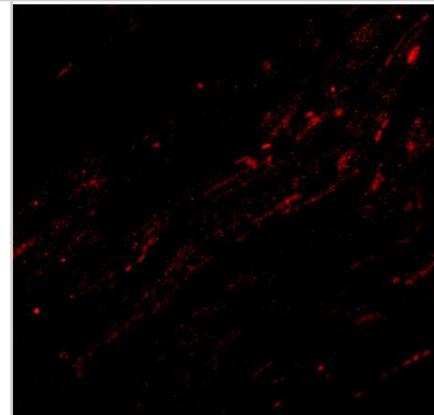
Western Blot: CIDEA Antibody [NBP1-76950] - Mouse heart tissue lysate with CIDE-A antibody at 1:500 dilution.



Immunohistochemistry: CIDEA Antibody - BSA Free [NBP1-76950] - Immunohistochemistry of CIDEA in mouse heart tissue with CIDEA antibody at 5 ug/mL.

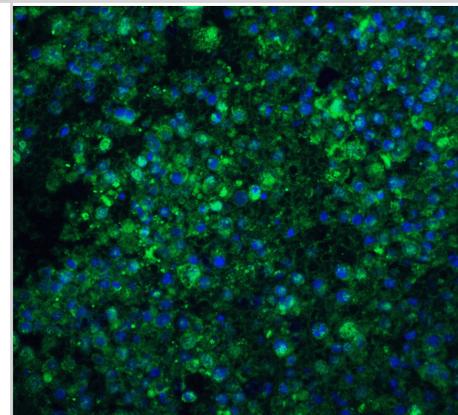


Immunocytochemistry/ Immunofluorescence: CIDEA Antibody - BSA Free [NBP1-76950] - Immunofluorescence of CIDEA in Mouse Heart cells with CIDEA antibody at 20 ug/mL.

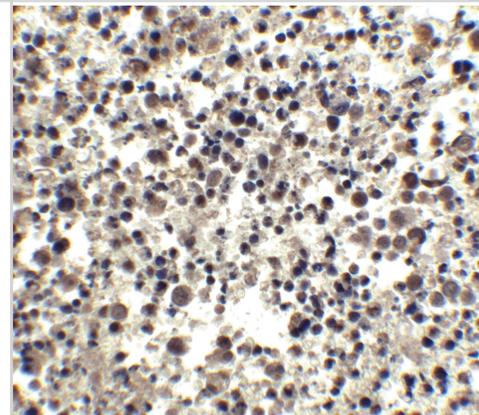


Immunocytochemistry/ Immunofluorescence: CIDEA Antibody - BSA Free [NBP1-76950] - Immunofluorescence of CIDEA in human brain tissue with CIDE A antibody at 20 ug/mL.

Green: CIDEA Antibody  
Blue: DAPI staining



Immunohistochemistry: CIDEA Antibody - BSA Free [NBP1-76950] - Immunohistochemistry of CIDEA in human brain tissue with CIDE A antibody at 2.5 ug/mL.



## Publications

- Gao YP, Li L, Yan J et al. Down-Regulation of CIDEA Promoted Tumor Growth and Contributed to Cisplatin Resistance by Regulating the JNK-p21/Bad Signaling Pathways in Esophageal Squamous Cell Carcinoma *Frontiers in Oncology* 2021-02-03 [PMID: 33614508] (Western Blot)
- Wang CH, Liu HM, Chang ZY et al. Losartan Prevents Hepatic Steatosis and Macrophage Polarization by Inhibiting HIF-1 $\alpha$  in a Murine Model of NAFLD *International Journal of Molecular Sciences* 2021-07-22 [PMID: 34360607] (Western Blot)
- Chan Yoon Park, Donguk Kim, Min Kyeong Seo, Jimin Kim, Han Choe, Jong-Hyeok Kim, Joon Pio Hong, Yeon Ji Lee, Yoonseok Heo, Hwa Jung Kim, Hye Soon Park, Yeon Jin Jang Dysregulation of Lipid Droplet Protein Expression in Adipose Tissues and Association with Metabolic Risk Factors in Adult Females with Obesity and Type 2 Diabetes. *The Journal of nutrition* 2023-03-21 [PMID: 36931749]
- Jeenat Ferdous Urmi, Hiroaki Itoh, Keiko Muramatsu-Kato, Yukiko Kohmura-Kobayashi, Natsuyo Hariya, Divyanu Jain, Naoaki Tamura, Toshiyuki Uchida, Kazunao Suzuki, Yoshihiro Ogawa, Nobuaki Shiraki, Kazuki Mochizuki, Takeo Kubota, Naohiro Kanayama Plasticity of histone modifications around Cidea and Cidec genes with secondary bile in the amelioration of developmentally-programmed hepatic steatosis *Scientific Reports* 2019-11-19 [PMID: 31745102]
- Liu H, Wang C, Chang Z Et al. Losartan Attenuates Insulin Resistance and Regulates Browning Phenomenon of White Adipose Tissue in ob/ob Mice *Curr Issues Mol Biol* 2021-12-10 [PMID: 34889901]
- Son Y, Choi C, Song C et al. Development of CIDEA reporter mouse model and its application for screening thermogenic drugs *Scientific reports* 2021-09-16 [PMID: 34531447] (ICC/IF, Mouse)
- Choi C, Son Y, Kim J Et Al. TM4SF5 knockout protects mice from diet-induced obesity partly by regulating autophagy in adipose tissue *Diabetes* 2021-06-29 [PMID: 34187836] (WB)
- Irungbam K, Roderfeld M, Glimm H et al. Cholestasis impairs hepatic lipid storage via AMPK and CREB signaling in hepatitis B virus surface protein transgenic mice *Lab. Invest.* 2020-07-01 [PMID: 32612285] (IF/IHC, Mouse)
- Mohamedi Y, Fontanil T, Cobo T et al. The Differential Expression of Cide Family Members is Associated with Nafld Progression from Steatosis to Steatohepatitis *Sci Rep* 2019-05-16 [PMID: 31097771] (WB, Mouse)
- Hu, W;Ru, Z;Zhou, Y;Xiao, W;Sun, R;Zhang, S;Gao, Y;Li, X;Zhang, X;Yang, H; Lung cancer-derived extracellular vesicles induced myotube atrophy and adipocyte lipolysis via the extracellular IL-6-mediated STAT3 pathway *Biochim Biophys Acta Mol Cell Biol Lipids* 2019-04-17 [PMID: 31002945] (WB, Mouse)
- Rohm M, Schafer M, Laurent V et al. An AMP-activated protein kinase-stabilizing peptide ameliorates adipose tissue wasting in cancer cachexia in mice. *Nat. Med.* 2016-08-29 [PMID: 27571348] (WB)



### **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 NBP1-76950**

---

NBP1-76950PEP	CIDEA 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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-76950](http://www.novusbio.com/reviews/submit/NBP1-76950)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

