

Product Datasheet

c-Fos Antibody NB110-75039

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 8

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB110-75039

Updated 9/9/2025 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/NB110-75039



NB110-75039

c-Fos Antibody

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute in 0.1 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the sample size is provided in reconstituted format.
Isotype	IgG
Purity	Unpurified
Buffer	Lyophilized from whole antisera

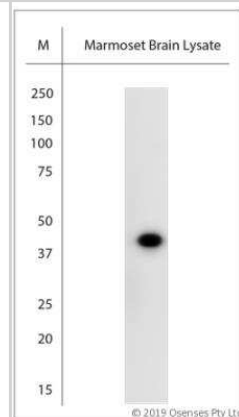
Product Description	
Description	Novus Biologicals Rabbit c-Fos Antibody (NB110-75039) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-c-Fos Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2353
Gene Symbol	FOS
Species	Mouse, Rat, Monkey
Reactivity Notes	Confirmed reactivity in Marmoset.
Immunogen	A synthetic peptide from human c-Fos protein conjugated to blue carrier protein has been used as the antigen. The peptide is homologous in many other species including rat and mouse.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:2000, Immunohistochemistry 1:1000-1:2000, Immunocytochemistry/ Immunofluorescence 1:500, Immunohistochemistry-Paraffin 1:1000-1:2000
Application Notes	Immunohistochemistry-Paraffin/Frozen on free floating sections, Immunofluorescence and Western Blot

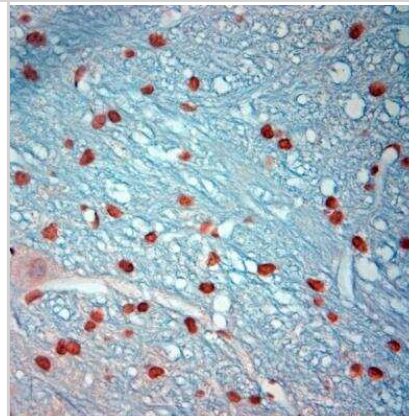


Images

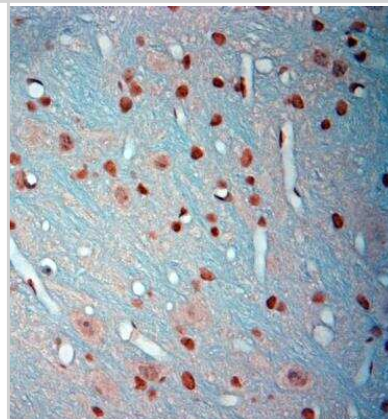
Western Blot: c-Fos Antibody [NB110-75039] - Western blot on marmoset brain lysate prepared in RIPA buffer containing 1% Triton-X100; 1% SDS and 1% SDC. Blocking: 1% LFDm for 30 min at RT; primary antibody dilution 1:2000 incubated at 4C overnight.



Immunohistochemistry-Paraffin: c-Fos Antibody [NB110-75039] - IHC-P on paraffin sections of mouse brain. The animal was perfused at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDm in TBST filtered thru 0.2 um. Primary antibody: dilution 1: 1000, incubated 30 min at RT. Sections were counterstained with Harris Hematoxylin.



Immunohistochemistry-Paraffin: c-Fos Antibody [NB110-75039] - IHC-P on paraffin sections of mouse brain. The animal was perfused at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDm in TBST filtered thru 0.2 um. Primary antibody: dilution 1: 1000, incubated 30 min at RT. Sections were counterstained with Harris Hematoxylin.



Publications

Kopsidas CA, Lowe CC, McDaniel DP, Zhou X et Al. Sustained generation of neurons destined for neocortex with oxidative metabolic upregulation upon filamin abrogation *iScience* 2024-07-11 [PMID: 38989458]

Katherine Blackmore, Claire J. Houchen, Hayk Simonyan, Hovhannes Arestakesyan, Alyssa K. Stark, Samantha A. Dow, Han Rae Kim, Jin Kwon Jeong, Anastas Popratiloff, Colin N. Young A forebrain-hypothalamic ER stress driven circuit mediates hepatic steatosis during obesity *Molecular Metabolism* 2023-12-21 [PMID: 38141847]

Dongxiao QU, Yiqin GE, Limin Z et al. Efficacy and mechanisms of Dingxian pill combined with valproic acid on pentylenetetrazol-induced chronic epilepsy in rats *Journal of traditional Chinese medicine = Chung i tsa chih ying wen pan* 2023-04-01 [PMID: 36994516] (IHC-Fr, Rat)

Blackmore K Forebrain-Hypothalamic Circuits, Endoplasmic Reticulum Stress, and Sexual Dimorphism in Hepatic Steatosis During Obesity Thesis 1905-07-13

Blackmore K Forebrain-Hypothalamic Circuits, Endoplasmic Reticulum Stress, and Sexual Dimorphism in Hepatic Steatosis During Obesity Thesis Jul 13 1905 12:00AM

Cuddy SR, Schinlever AR, Dochnal S, et al. Neuronal hyperexcitability is a DLK-dependent trigger of herpes simplex virus reactivation that can be induced by IL-1 *eLife* 2020-12-22 [PMID: 33350386]

Zhu Y, Zhang S, Shen M et al. Anticonvulsant Effects of Dingxian Pill in Pentylenetetrazol-Kindled Rats *Evid Based Complement Alternat Med.* 2019-03-18 [PMID: 31011358] (IF/IHC, Rat)

Tang Y, Liu L, Xu D et al. Interaction between astrocytic colony stimulating factor and its receptor on microglia mediates central sensitization and behavioral hypersensitivity in chronic post ischemic pain model. *Brain Behav Immun* 2018-02-01 [PMID: 29080683] (Rat)





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 NB110-75039

NBL1-10794	c-Fos Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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/NB110-75039

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

