

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.

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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

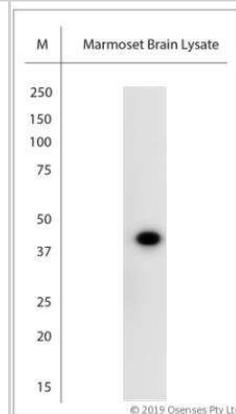
Product Description	
Host	Rabbit
Gene ID	2353
Gene Symbol	FOS
Species	Mouse, Rat, Monkey
Reactivity Notes	Confirmed reactivity in Marmoset.
Immunogen	A synthetic peptide from human c-Fos protein conjugated to blue carrier protein has been used as the antigen. The peptide is homologous in many other species including rat and mouse.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
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

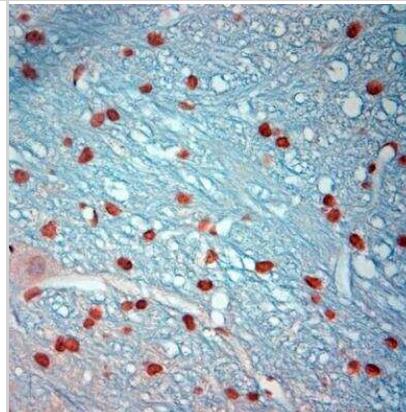


Images

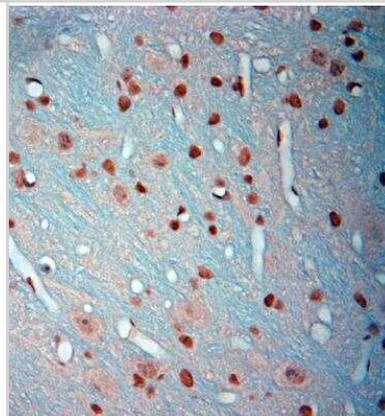
Western Blot: c-Fos Antibody [NB110-75039] - Western blot on marmoset brain lysate prepared in RIPA buffer containing 1% Triton-X100; 1% SDS and 1% SDC. Blocking: 1% LFDm for 30 min at RT; primary antibody dilution 1:2000 incubated at 4C overnight.



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

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)





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Products Related to NB110-75039

NBL1-10794	c-Fos Overexpression 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

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