

Anti-iNOS NOS2 Rabbit Monoclonal Antibody

Catalog Number: M00368

About NOS2

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

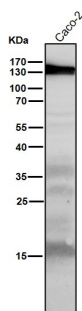
Product Name	Anti-iNOS NOS2 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-iNOS NOS2 Rabbit Monoclonal Antibody catalog # M00368. Tested in WB, ICC/IF, IP applications. This antibody reacts with Human, Mouse.
Application	IP, IF, ICC, WB
Clonality	Monoclonal IED-14
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P35228

Technical Details

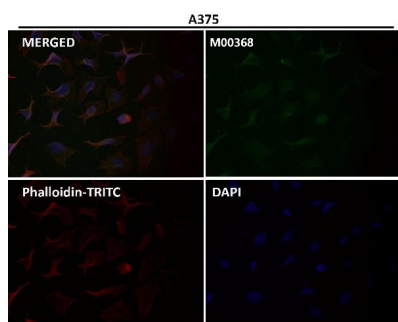
Immunogen	A synthesized peptide derived from human iNOS
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:1000 ICC/IF 1:50-1:200 IP 1:50
--	---

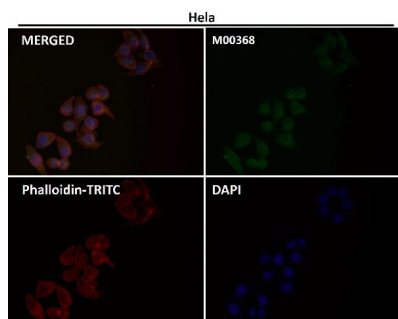
Anti-iNOS NOS2 Rabbit Monoclonal Antibody (M00368) Images



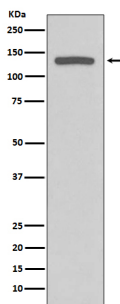
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Immunofluorescent analysis using the Antibody at 1:50 dilution.

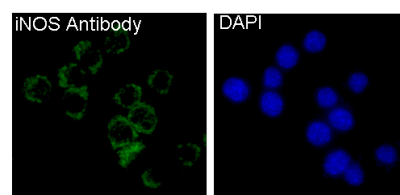
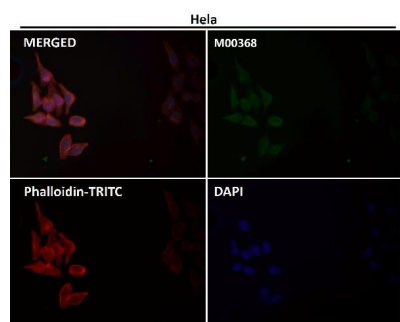


Immunofluorescent analysis using the Antibody at 1:50 dilution.



Western blot analysis of iNOS expression in Human fetal brain lysate.

Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis of Raw264.7 cells treated with LPS, using iNOS Antibody.

20 Publications Citing This Product

1. PubMed ID: -, Amin,N.,Chen,S.,Ren,Q.,Tan,X.,Botchway,B.O.,Hu,Z., ... & Fang,M.(2021). Hypoxia Inducible Factor-1alpha Attenuates Ischemic Brain Damage by Modulating Inflammatory Response and Glial Activity.Cells,10(6),1359.
2. PubMed ID: 32641994, Liu H,Yang X,Tang K,Ye T,Duan C,Lv P,Yan L,Wu X,Chen Z,Liu J,Deng Y,Zeng G,Xing J,Ye Z,Xu H.Sulforaphane elicits dual therapeutic effects on Renal Inflammatory Injury and crystal deposition in Calcium Oxalate Nephrocalcinosis.Theranostics.2020 Jun 5;10(16):7319-7334.doi:10.7150/thno.44054.PMID:32641994;PMCID:PMC7330860.
3. PubMed ID: -, Fengpei Chen, Shijia Chen, Jie Liu, Nashwa Amin, Weidong Jin, Marong Fang, "Agomelatine Softens Depressive-Like Behavior through the Regulation of Autophagy and Apoptosis", BioMed Research International, vol. 2021, Article ID 6664591, 10 pages, 2021. <https://doi.org/10.1155/2021/6664591>

Visit bosterbio.com/anti-inos-rabbit-monoclonal-antibody-m00368-boster.html to see all 20 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-iNOS NOS2 Rabbit Monoclonal Antibody