

Anti-Dynamin II DNM2 Monoclonal Antibody

Catalog Number: A01629

About DNM2

Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.

Fulton, D. et al. (1999) Nature 399, 597-601.

Harris, M.B. et al. (2001) J. Biol. Chem. 276, 16587-16591.

Thomas, S.R. et al. (2002) J. Biol. Chem. 277, 6017-6024.

Overview

Product Name	Anti-Dynamin II DNM2 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Dynamin II DNM2 Monoclonal Antibody catalog # A01629. Tested in IHC, WB applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Monoclonal 5E4C2F3
Formulation	Ascitic fluid containing 0.03% sodium azide.
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	Mouse
Uniprot ID	P50570

Technical Details

Immunogen	Purified recombinant fragment of Dynamin II expressed in E. Coli.
Predicted Reactive Species	Canine
Cross Reactivity	No cross reactivity with other proteins.
Form	Liquid
Concentration	1.0 mg/mL by UV absorbance at 280 nm
Purification	Ascitic fluid

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.

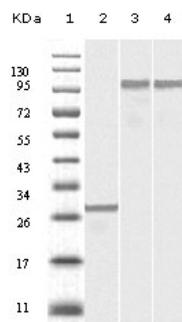
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

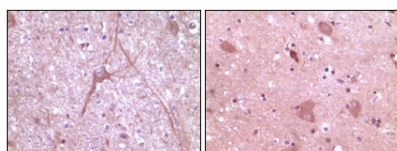
WB, 1:500-1:2000

IHC, 1:200-1:1000

Anti-Dynamin II DNM2 Monoclonal Antibody (A01629) Images



Western Blot (WB) analysis using Dynamin II Monoclonal antibody against truncated Dynamin-2 recombinant protein (1), SKN-SH cell lysate (2) and NIH/3T3 cell lysate (3).



Immunohistochemistry (IHC) analysis of paraffin-embedded human cerebrum tissue (left) and myelencephalon tissue (right), showing cytoplasmic localization with DAB staining using Dynamin II Monoclonal antibody.

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-Dynamin II DNM2 Monoclonal Antibody