

Product Datasheet

RhoA Antibody NB100-91273

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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NB100-91273

RhoA Antibody

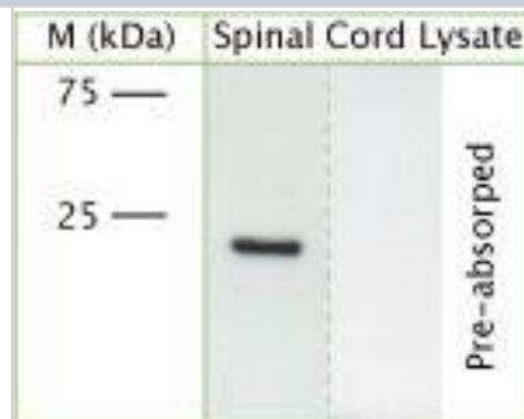
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	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
Target Molecular Weight	22 kDa

Product Description	
Host	Rabbit
Gene ID	387
Gene Symbol	RHOA
Species	Human, Mouse, Rat, Primate
Reactivity Notes	Marmoset
Immunogen	A synthetic peptide from amino acid region 100-150 of human RhoA conjugated to blue carrier protein was used as the antigen. The peptide is homologous in many species including rat, mouse, chicken, dog, bovine, frog, zebrafish and orangutan.

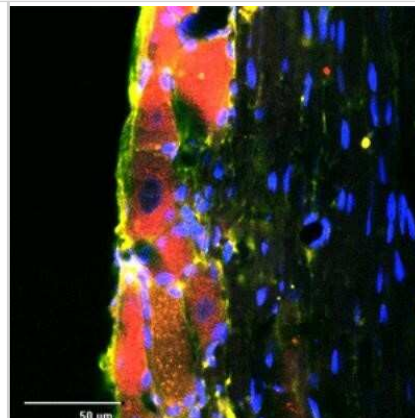
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:500, Immunohistochemistry-Paraffin 1:1000

Images

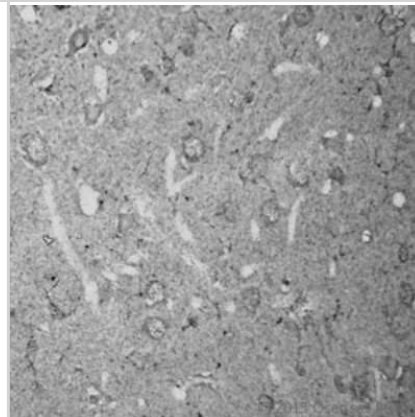
Western Blot: RhoA Antibody [NB100-91273] - Rat spinal cord lysate using Rabbit antibody to Transforming protein RhoA: whole serum at 1:2000 dilution. One single band is detected.



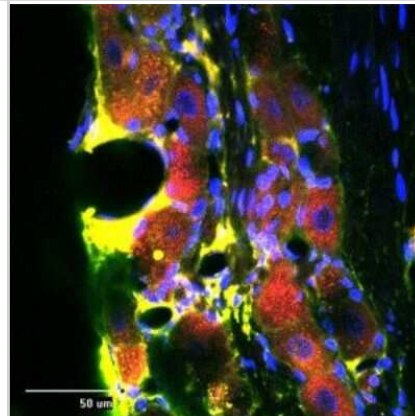
Immunocytochemistry/Immunofluorescence: RhoA Antibody [NB100-91273] - Rat trigeminal at 1:500 dilution using Rabbit antibody to Transforming protein RhoA: whole serum (NB100-91273, in red), Sheep antibody to extracellular, N-terminal part of Sortilin: whole serum (NB100-98771, in green), DAPI counter stained appearing in blue.



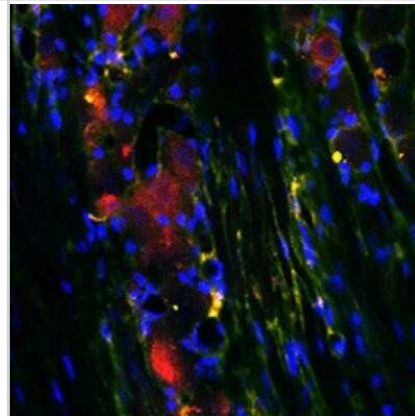
Immunohistochemistry: RhoA Antibody [NB100-91273] - IHC on rat brain (paraffin sections) using Rabbit antibody to RhoA at a concentration of 15 ug/ml, incubated overnight and developed with DAB Ni.



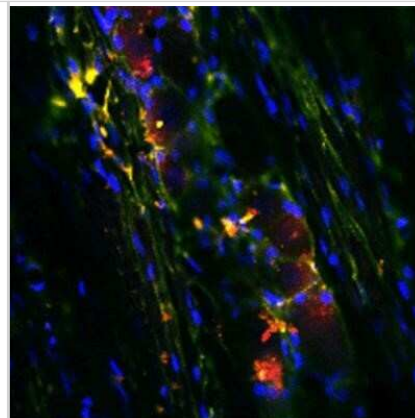
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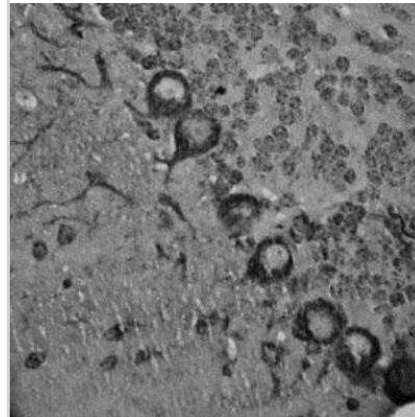
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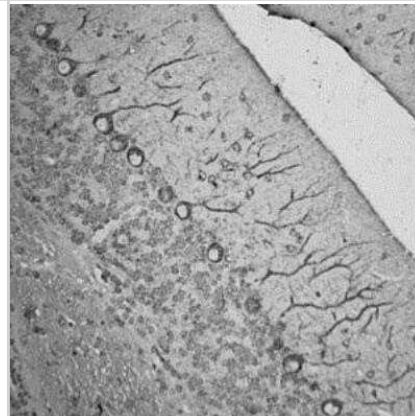
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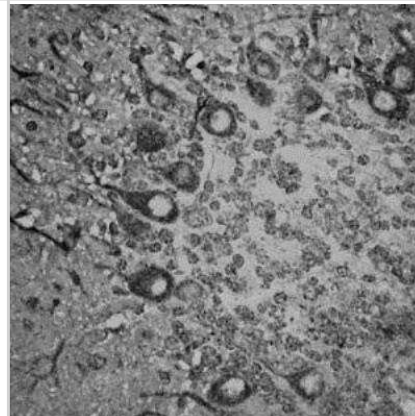
Immunohistochemistry-Paraffin: RhoA Antibody [NB100-91273] - Rat brain (paraffin section) using Rabbit antibody to Transforming protein RhoA (Arha, Arha2): whole serum at 1 : 300 dilution incubated overnight at 4C and developed with ABC/DAB/Ni.



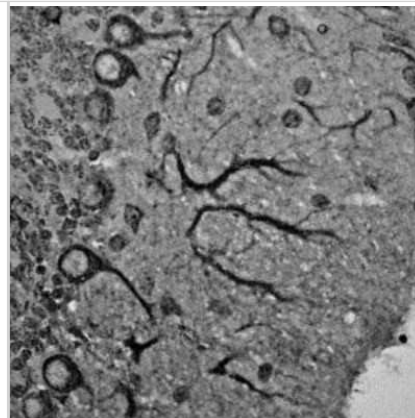
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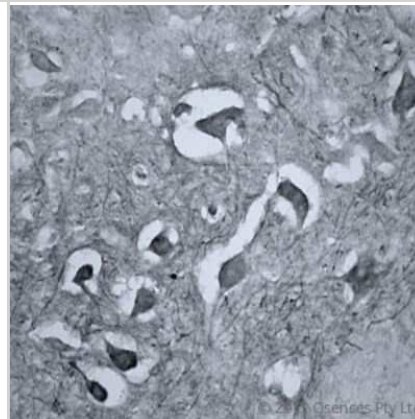
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Immunohistochemistry-Paraffin: RhoA Antibody [NB100-91273] - IHC on rat brain (paraffin section) using Rabbit antibody to Transforming protein RhoA (Arha, Arha2): whole serum at 1 : 300 dilution incubated overnight at 4C and developed with ABC/DAB/Ni.



Immunohistochemistry-Paraffin: RhoA Antibody [NB100-91273] - IHC on mouse brain (cryo section) using Rabbit antibody to RhoA at a concentration of 15 ug/ml, incubated overnight and developed with DAB Ni.



Publications

Moon GT, Lee JH, Jeong SH et al. NecroX-5 Can Suppress Melanoma Metastasis by Reducing the Expression of Rho-Family GTPases Journal of Clinical Medicine 2021-06-25 [PMID: 34201921] (WB, IP, B/N)

Yoon, Y M, Go, G Et al. Melatonin Suppresses Renal Cortical Fibrosis by Inhibiting Cytoskeleton Reorganization and Mitochondrial Dysfunction through Regulation of miR-4516. Int J Mol Sci 2020-07-27 [PMID: 32727098] (WB, Mouse)

Costa V, Carina V, Conigliaro A et al. miR-31-5p Is a LIPUS-Mechanosensitive MicroRNA that Targets HIF-1 alpha Signaling and Cytoskeletal Proteins Int J Mol Sci. 2019-03-27 [PMID: 30925808] (WB, Human)

Turnham RE, Smith FD, Kenerson HL et al. Elevated BMP and mechanical signaling through YAP1/RhoA Poises FOP Mesenchymal Progenitors for Osteogenesis J. Bone Miner. Res. 2019-05-20 [PMID: 31107558]

Aktas S, Un I, Omer Barlas I et al. Evaluation of the Rho A/Rho-kinase pathway in the uterus of the rat model of polycystic ovary syndrome. Reprod Biol 2019-01-28 [PMID: 30704840] (IHC-P, Rat)



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Products Related to NB100-91273

NBL1-15349	RhoA 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

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