

Product Datasheet

Rab7a Antibody - BSA Free

NBP2-24591

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-24591

Rab7a Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

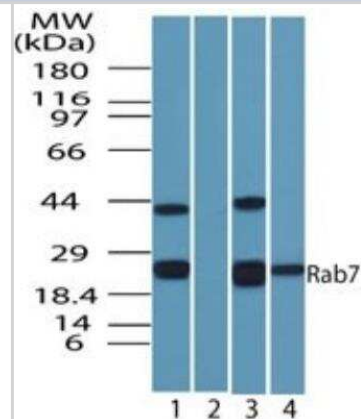
Product Description	
Host	Rabbit
Gene ID	7879
Gene Symbol	RAB7A
Species	Human, Mouse
Marker	Late Endosome Marker
Immunogen	A portion of amino acids 90-140 of human Rab7 protein was used as the immunogen for this antibody.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-1 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 2-5 ug/ml, Immunohistochemistry-Paraffin 10 ug/ml

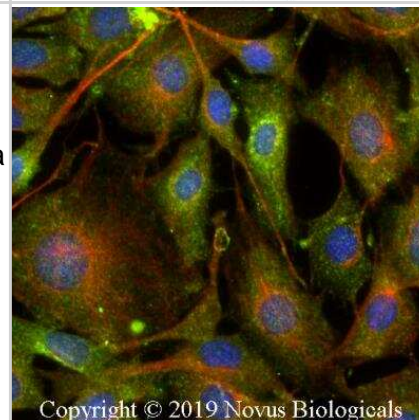


Images

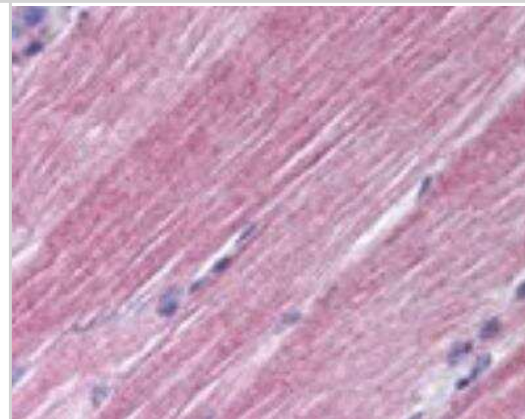
Western Blot: Rab7a Antibody [NBP2-24591] - Analysis of human Rab7 in HeLa lysate in the 1) absence and 2) presence of immunizing peptide 3) mouse NIH 3T3 and 4) RAW using Rab7 at 0.25 ug/ml.



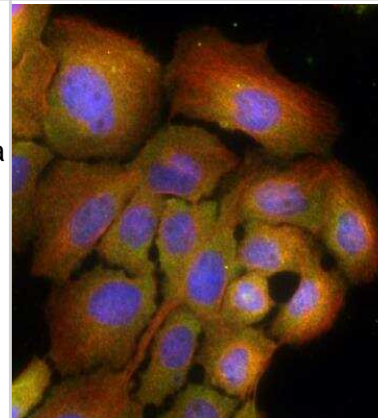
Immunocytochemistry/Immunofluorescence: Rab7a Antibody [NBP2-24591] - NIH3T3 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton-X100. The cells were incubated with anti-Rab7A at 2ug/ml overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:500 dilution. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse Dylight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Immunohistochemistry-Paraffin: Rab7a Antibody [NBP2-24591] - Analysis of human skeletal muscle using RAB7A antibody at 10 ug/ml.



Immunocytochemistry/Immunofluorescence: Rab7a Antibody [NBP2-24591] - A431 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton-X100. The cells were incubated with anti-Rab7A at 2 ug/ml overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:500 dilution. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse Dylight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Publications

Goswami B, Ahuja D, Pastr[□] D, Ray PS. p53 and HuR combinatorially control the biphasic dynamics of microRNA-125b in response to genotoxic stress Communications Biology 2023-01-27 [PMID: 36707647] (Western Blot)



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Products Related to NBP2-24591

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-50961-0.1mg	Recombinant Human Rab7a His Protein

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.

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