

# Product Datasheet

## RIPX Antibody - BSA Free NBP1-89614

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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Updated 12/2/2025 v.20.1

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**NBP1-89614**

RIPX Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

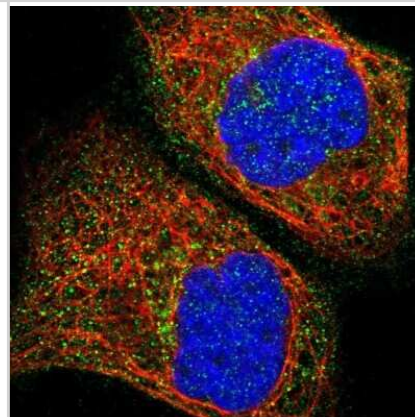
Product Description	
<b>Description</b>	Novus Biologicals Rabbit RIPX Antibody - BSA Free (NBP1-89614) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-RIPX Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	22902
<b>Gene Symbol</b>	RUFY3
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: MLEKDVCEKQDALVSLRQQLDDLRLALKHELAFKLGSSDLGVKQKSELNSRLEE KTNQMAATIKQLEQRLRQAERSRQSAELDNRLFQDFGDKINSLQLEVEELTR QRNQLEL

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

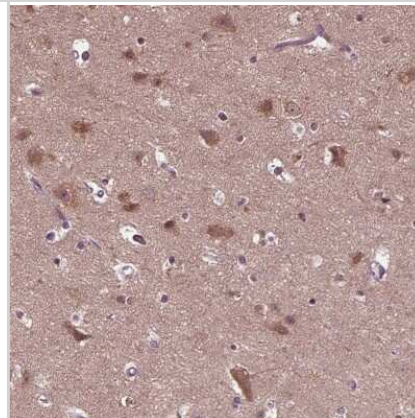


## Images

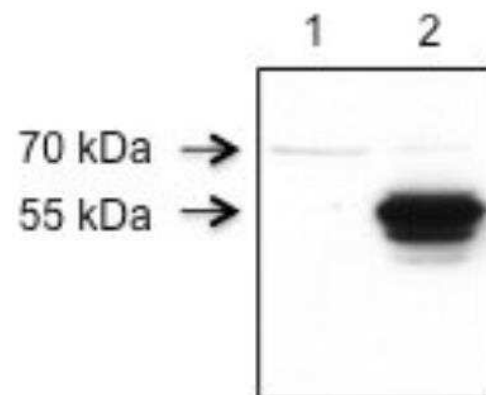
Immunocytochemistry/Immunofluorescence: RIPX Antibody [NBP1-89614] - Staining of human cell line A-431 shows positivity in cytoplasm. Antibody staining is shown in green. Antibody staining is shown in green.



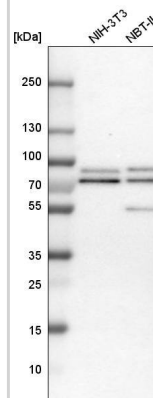
Immunohistochemistry-Paraffin: RIPX Antibody [NBP1-89614] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neuronal cells.



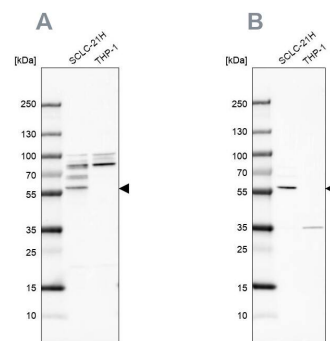
Western Blot: RIPX Antibody [NBP1-89614] - HEK 293 cells non-transfected (lane 1) and transfected with rat Rufy3 full length plasmid (lane 2). Band at 70kDa isoform 3 of Rufy3. Band at 55kDa isoform 1 of Rufy3. Image from a verified customer review.



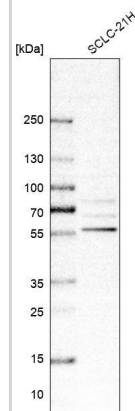
Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis using Anti-RUFY3 antibody NBP1-89614 (A) shows similar pattern to independent antibody NBP2-48558 (B).



Analysis in human cell line SCLC-21H.



## Publications

Sasazawa Y, Souma S, Furuya N et al. Oxidative stress-induced phosphorylation of JIP4 regulates lysosomal positioning in coordination with TRPML1 and ALG2 The EMBO Journal 2022-10-11 [PMID: 36394115] (WB, Human)

Char R, Liu Z, Davieau M et al. Ruffy3 regulates anti-bacterial responses by controlling endolysosomes perinuclear positioning in activated phagocytes. Research Square 2022-10-05 (ICC/IF, Human, Mouse)

Details:  
Dilution used in ICC/IF 1:1000

Keren-Kaplan T, Saric A, Ghosh S et al. RUFY3 and RUFY4 are ARL8 effectors that promote coupling of endolysosomes to dynein-dynactin Nature communications 2022-03-21 [PMID: 35314674]



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### **Products Related to NBP1-89614**

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NBP1-89614PEP	RIPX Recombinant Protein Antigen
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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### **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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