

Product Datasheet

NgR3/NgRH2/RTN4RL1 Antibody - BSA Free NBP1-92359

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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NBP1-92359

NgR3/NgRH2/RTN4RL1 Antibody - BSA Free

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

Product Description	
Description	Novus Biologicals Rabbit NgR3/NgRH2/RTN4RL1 Antibody - BSA Free (NBP1-92359) is a polyclonal antibody validated for use in IHC. Anti-NgR3/NgRH2/RTN4RL1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	146760
Gene Symbol	RTN4RL1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AVPCVSPGLRHGQDLKLLRAEDFRNCTGPASPHQIKSHTLTTTDDRAARKEHHS PHGPTRSKGHPHGPRPGHRKPGKNCTNPRNRNQISKAGAGKQAPELPDYAP DYQHKFSFD

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	IHC-Paraffin, HIER pH 6 retrieval method is recommended.

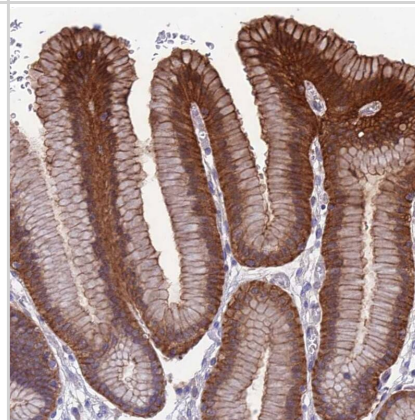


Images

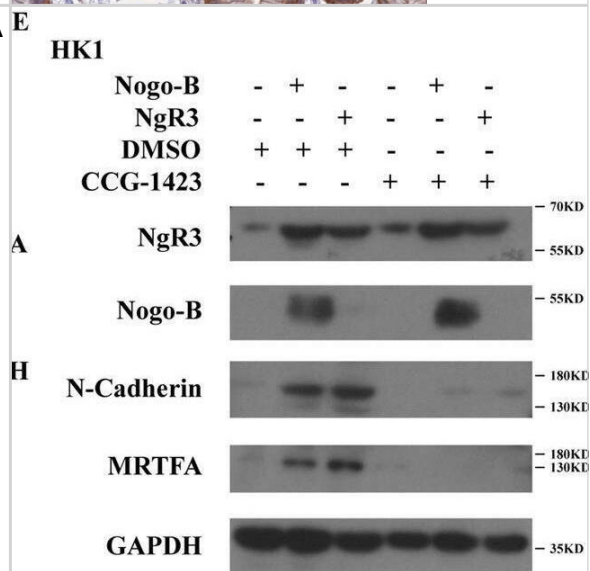
Immunohistochemistry-Paraffin: NgR3/NgRH2/RTN4RL1 Antibody [NBP1-92359] - Staining of human stomach (upper) shows strong cytoplasmic and membranous positivity in glandular cells.



Staining of human stomach (upper) shows strong cytoplasmic and membranous positivity in glandular cells.



Nogo-B promotes NPC cell migration by regulating RhoA-SRF-MRTFA. A The STRING database showed that Nogo-B and RhoA were associated. B Real-time PCR showed that RhoA, MRTFA, and SRF were highly expressed in TW03 (left) and HK1 (right) cell lines overexpressing Nogo-B and NgR3. C Western blotting showed that RhoA-GTP, MRTFA, and SRF were highly expressed in TW03 (left) and HK1 (right) cell lines overexpressing Nogo-B and NgR3. D Immunohistochemistry showed that overexpressing NgR3 and Nogo-B upregulated p-RhoA expression in metastatic mouse lung xenografts. E After treatment with CCG-1423 (30 $\mu\text{mol/L}$) for 24 h, the expression of FAK and N-Cadherin decreased in HK1 cell lines. F The average number of migrated cells in three fields of HK1 cell lines with overexpressing Nogo-B or NgR3 decreased after using CCG-1423(30 $\mu\text{mol/L}$). G The average number of invaded cells in three fields of HK1 cell lines with overexpressing Nogo-B or NgR3 decreased after using CCG-1423(30 $\mu\text{mol/L}$). Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/35075114>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Wang J, Zhong Q, Zhang H et al. Nogo-B promotes invasion and metastasis of nasopharyngeal carcinoma via RhoA-SRF-MRTFA pathway Cell death & disease 2022-01-24 [PMID: 35075114] (Human)

He JY, Han P, Zhang Y et al. Overexpression of Nogo receptor 3 (NgR3) correlates with poor prognosis and contributes to the migration of epithelial cells of nasopharyngeal carcinoma patients J. Mol. Med. 2018-01-11 [PMID: 29327067] (Human)



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Products Related to NBP1-92359

NBP1-92359PEP	NgR3/NgRH2/RTN4RL1 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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