

Product Datasheet

RIG-I Antibody - BSA Free NBP1-76732

Unit Size: 0.1 mg

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

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Publications: 2

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Updated 10/23/2025 v.20.1

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NBP1-76732

RIG-I Antibody - BSA Free

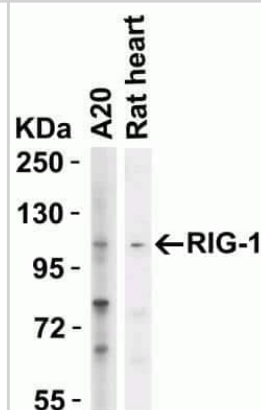
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit RIG-I Antibody - BSA Free (NBP1-76732) is a polyclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and Simple Western. Anti-RIG-I Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23586
Gene Symbol	RIGI
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against human GST-tagged RIG-1 protein.

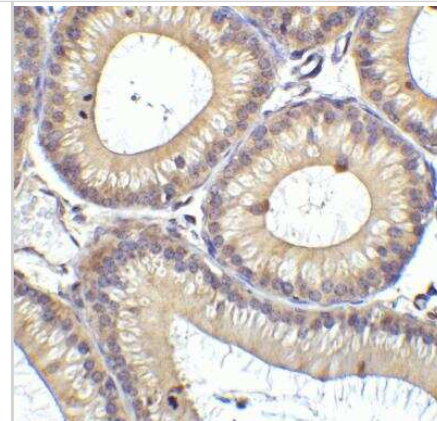
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.5-2 ug/ml, Simple Western 1:50, ELISA 1:100-1:2000, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml
Application Notes	See Simple Western Antibody Database for Simple Western validation: separated by Size, antibody dilution of 1:50

Images

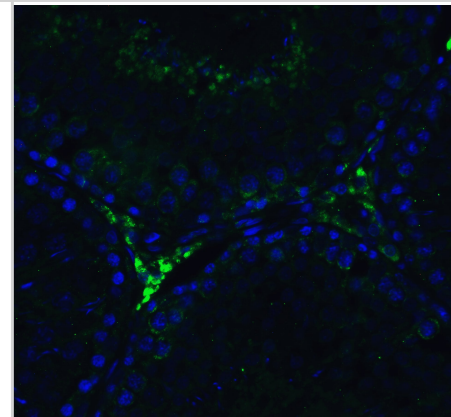
Western Blot: RIG-I Antibody [NBP1-76732] - Western blot analysis of RIG-I in Lane 1) A20 cell lysate and Lane 2) Rat heart tissue lysate with RIG-I antibody [NBP1-76732] at 2 ug/mL.



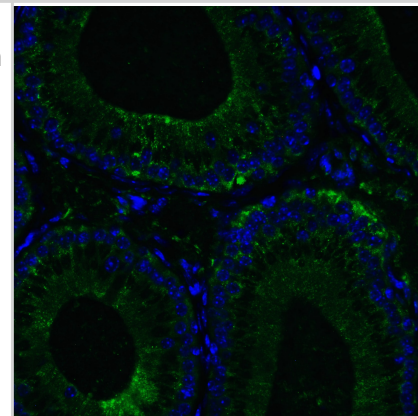
Immunohistochemistry: RIG-I Antibody [NBP1-76732] -
Immunohistochemistry of RIG-I in mouse testis tissue with RIG-I
Antibody NBP1-76732 at 1 ug/mL.



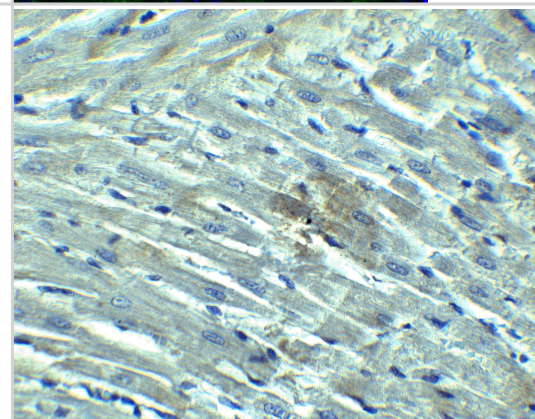
Immunocytochemistry/ Immunofluorescence: RIG-I Antibody - BSA Free
[NBP1-76732] - Immunofluorescence of RIG-I in rat testis tissue with
RIG-I Antibody at 20 ug/mL.



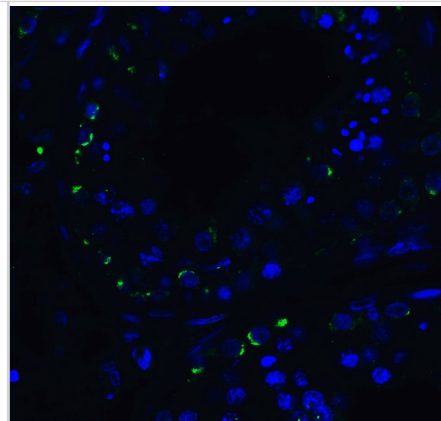
Immunocytochemistry/ Immunofluorescence: RIG-I Antibody - BSA Free
[NBP1-76732] - Immunofluorescence of RIG-I in mouse testis tissue with
RIG-I Antibody at 20 ug/mL.



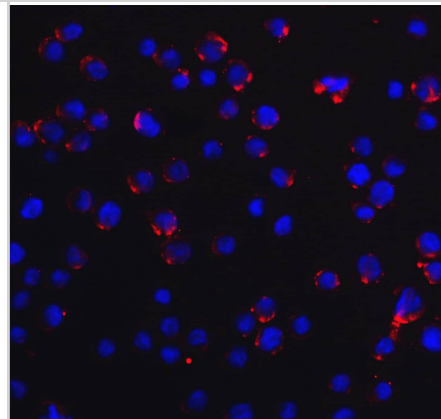
Immunohistochemistry: RIG-I Antibody - BSA Free [NBP1-76732] -
Immunohistochemistry of RIG-I in rat heart tissue with RIG-I Antibody at
10 ug/mL.



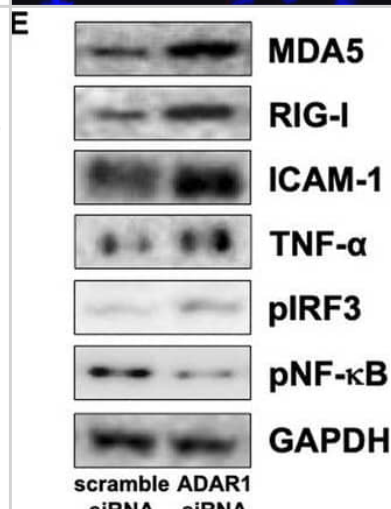
Immunocytochemistry/ Immunofluorescence: RIG-I Antibody - BSA Free [NBP1-76732] - Immunofluorescence of RIG-I in human testis tissue with RIG-I Antibody at 20 ug/mL.



Immunocytochemistry/ Immunofluorescence: RIG-I Antibody - BSA Free [NBP1-76732] - Immunofluorescence of RIG-I in MCF7 cells with RIG-I Antibody at 20 ug/mL.



ADAR1 knockdown results in dsRNA increases, type I interferon signaling and pro-inflammatory protein expression. (A) Immunoblots for MDA5 and RIG-I following ADAR1 knockdown. Unpaired t-test; n = 6/condition. (B) Representative images and relative J2 (dsRNA antibody) immunofluorescence signal showing dsRNA accumulation following ADAR1 knockdown. (C) Representative immunofluorescence images showing co-localization of dsRNA (J2) and MDA5 after transfection with ADAR1 siRNA. (D) Summary immunoblot data for ICAM-1, TNF- α , pIRF3, pNF- κ B, and (E) representative images following ADAR1 knockdown. (F) Concentrations of CXCL10 and IFN β following ADAR1 siRNA knockdown. **p \leq 0.01, ***p \leq 0.001, ****p \leq 0.0001 in unpaired t-test; n = 9/condition. Error bars represent SD. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/38035265>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Cali M. McEntee, Alyssa N. Cavalier, Thomas J. LaRocca ADAR1 suppression causes interferon signaling and transposable element transcript accumulation in human astrocytes *Frontiers in Molecular Neuroscience* 2023-10-25 [PMID: 38035265]

Zhu J, Duan G, Wang H et al. TREM-1 activation modulates dsRNA induced antiviral immunity with specific enhancement of MAPk signaling and the RLRs and TLRs on macrophages. *Exp. Cell Res.* 2016-05-26 [PMID: 27237091] (WB, Mouse)



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Products Related to NBP1-76732

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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