

Product Datasheet

STAT1 Antibody - BSA Free

NB100-56314

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: 1

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NB100-56314

STAT1 Antibody - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS

Product Description

Description	Novus Biologicals Rabbit STAT1 Antibody - BSA Free (NB100-56314) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-STAT1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6772
Gene Symbol	STAT1
Species	Human, Mouse, Porcine, Canine, Primate
Specificity/Sensitivity	This antibody is able to detect both the alpha form (p91, ~91 kD) and the beta form (p84, ~84 kD) of STAT1.
Immunogen	A synthetic peptide sequence corresponding to amino acids between 700 and 750 of human Stat1 was used as immunogen. This sequence is 100% conserved between Stat1 alpha and Stat1 beta.

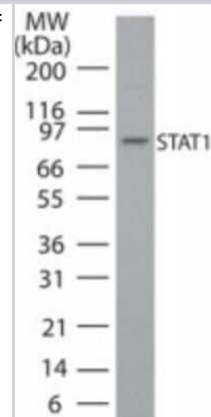
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunocytochemistry/ Immunofluorescence 1-5 ug/ml, Immunohistochemistry-Paraffin

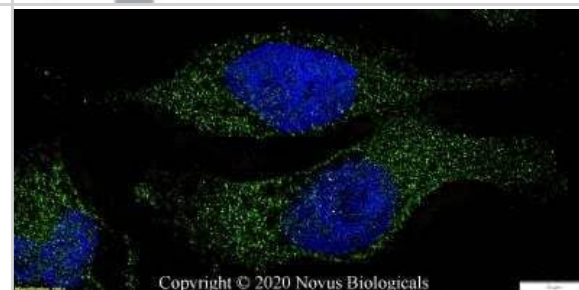


Images

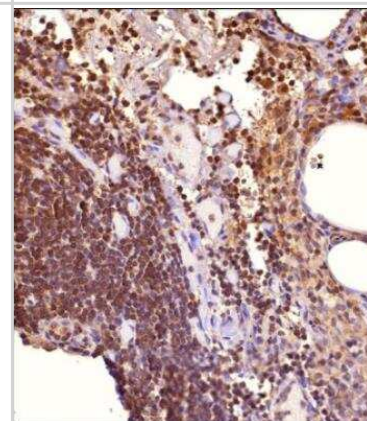
Western Blot: STAT1 Antibody [NB100-56314] - Western blot analysis of STAT1 in HeLa cell lysate using NB100-56314.



Immunocytochemistry/Immunofluorescence: STAT1 Antibody [NB100-56314] - RH30 cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.05% Triton X-100 in PBS for 5 minutes. The cells were incubated with anti-STAT1 Antibody NB100-56314 at 2 ug/ml overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.



Immunohistochemistry-Paraffin: STAT1 Antibody [NB100-56314] - Analysis of a FFPE tissue section of human lymph node using 1:200 dilution of STAT1 antibody. The staining was developed using HRP labeled anti-rabbit secondary antibody and DAB reagent, and nuclei of cells were counter-stained with hematoxylin. Strong nuclear staining in germinal center and surrounding cells along with cytoplasmic reactivity was observed.



Publications

He, L;Du, J;Chen, Y;Liu, C;Zhou, M;Adhikari, S;Rubin, DT;Pekow, J;Li, YC; The renin-angiotensin system promotes colonic inflammation by inducing TH17 activation via the JAK2/STAT pathway Am. J. Physiol. Gastrointest. Liver Physiol. 2019-04-17 [PMID: 30995068] (WB, Human)



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Products Related to NB100-56314

NB800-PC1	HeLa Whole Cell 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

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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