

Product Datasheet

STAT1 Antibody - BSA Free

NBP1-81578

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

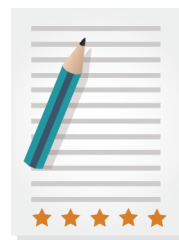
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Updated 2/21/2025 v.20.1

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NBP1-81578

STAT1 Antibody - BSA Free

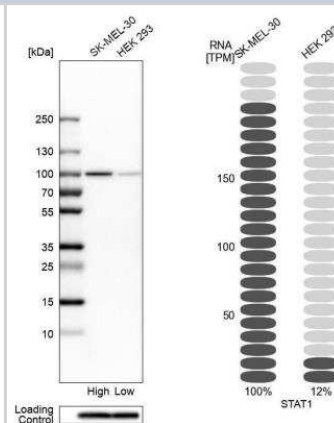
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	6772
Gene Symbol	STAT1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LLRFSESSREGAITFTWVERSQNGGEPDFHAVEPYTKKELSAVTFPDIIRNYKV MAAENIPENPLKYLYPNIDKDHAFGKYYSRPKEAPEPEMELDGPKGTYIKTELIS VSEVHPSRLQTTDNLPLMSPEEFDEVSRIVGSVE

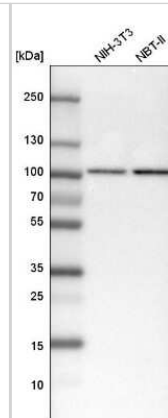
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

Images

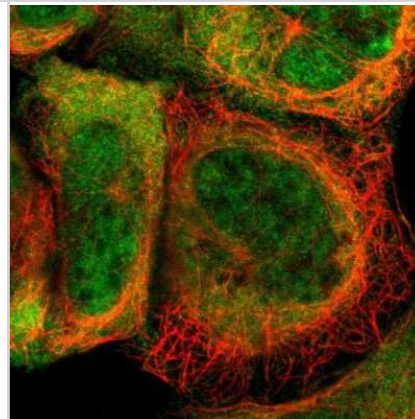
Western Blot: STAT1 Antibody [NBP1-81578] - Analysis in human cell lines SK-MEL-30 and HEK293. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-PFN1.



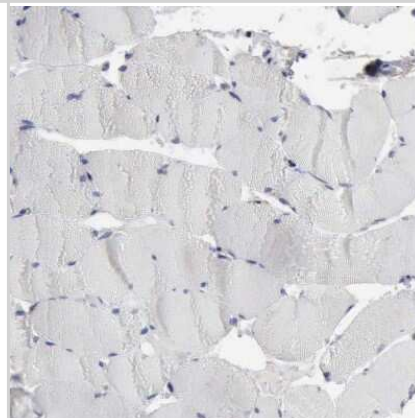
Western Blot: STAT1 Antibody [NBP1-81578] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



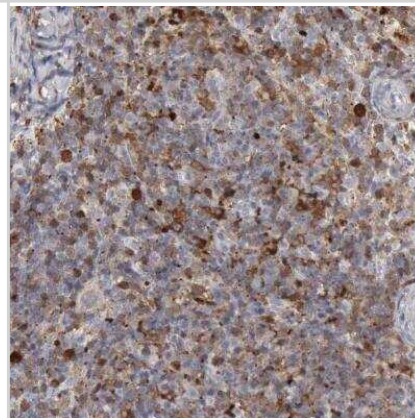
Immunocytochemistry/Immunofluorescence: STAT1 Antibody [NBP1-81578] - Staining of human cell line A-431 shows localization to nucleoplasm & cytosol. Antibody staining is shown in green.



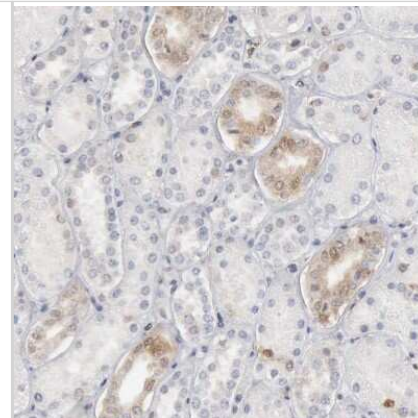
Immunohistochemistry-Paraffin: STAT1 Antibody [NBP1-81578] - Staining of human skeletal muscle shows no positivity in a subset of myocytes as expected.



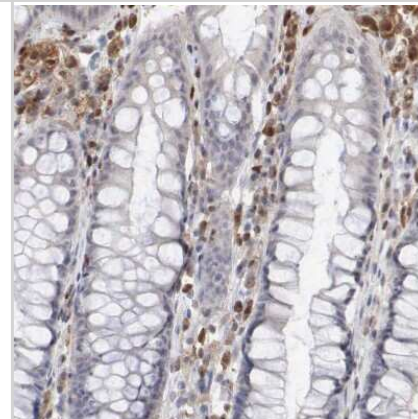
Immunohistochemistry-Paraffin: STAT1 Antibody [NBP1-81578] - Staining of human lymph node shows cytoplasmic positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: STAT1 Antibody [NBP1-81578] - Staining of human kidney shows weak cytoplasmic positivity in cells in distal tubules.



Immunohistochemistry-Paraffin: STAT1 Antibody [NBP1-81578] - Staining of human rectum shows moderate cytoplasmic positivity in lymphoid cells.





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Products Related to NBP1-81578

NBP1-81578PEP	STAT1 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

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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