

Product Datasheet

STAT3 Antibody - BSA Free

NBP2-38857

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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NBP2-38857

STAT3 Antibody - BSA Free

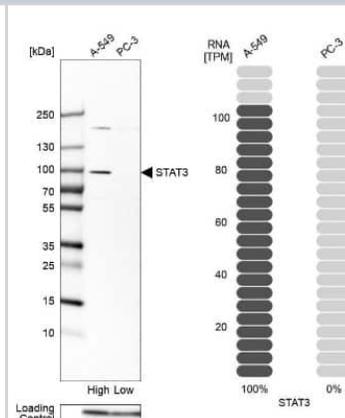
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit STAT3 Antibody - BSA Free (NBP2-38857) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6774
Gene Symbol	STAT3
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: EKPMEIARIVARCLWEESRLLQTAATAAQGGQANHPTAAVVTEKQQMLEQHL QDVRKRVDLEQKMKVVENLQDDDFDFNYKTLKSQGDMQDLNGNNSVTRQK MQQLEQMLTALDQMRRSIVSELAGLLSAMEYVQK

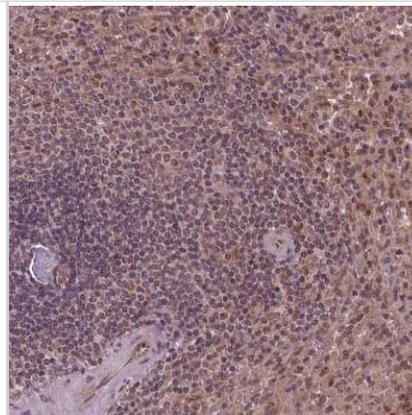
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

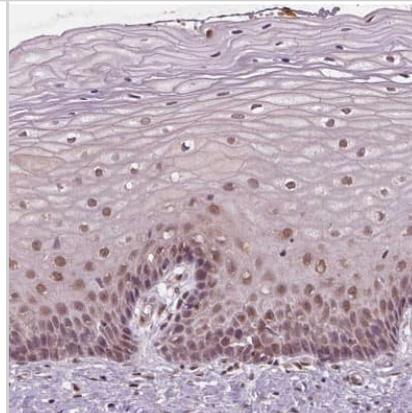
Western Blot: STAT3 Antibody [NBP2-38857] - Analysis in human cell lines A-549 and PC-3 using anti-STAT3 antibody. Corresponding STAT3 RNA-seq data are presented for the same cell lines. Loading control: anti-PPIB.



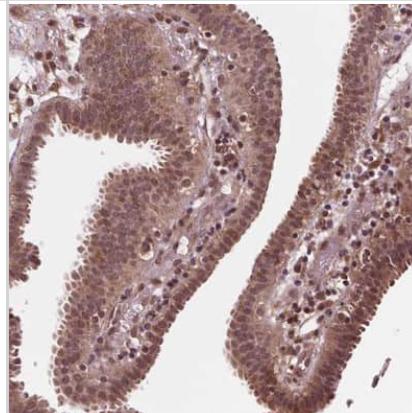
Immunohistochemistry-Paraffin: STAT3 Antibody [NBP2-38857] - Staining of human spleen shows moderate cytoplasmic positivity in cells in red pulp.



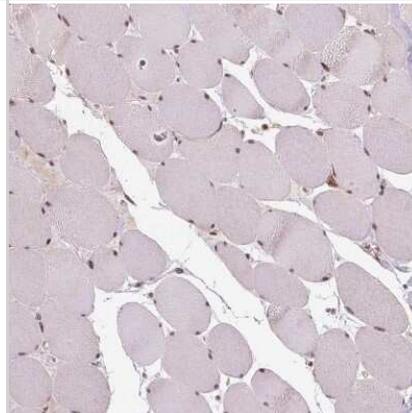
Immunohistochemistry-Paraffin: STAT3 Antibody [NBP2-38857] - Staining of human cervix, uterine shows moderate nuclear positivity in squamous epithelial cells.



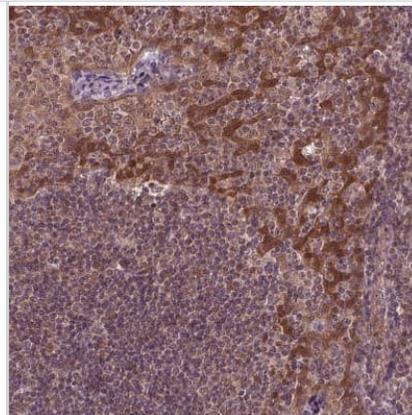
Immunohistochemistry-Paraffin: STAT3 Antibody [NBP2-38857] - Staining of human fallopian tube shows moderate cytoplasmic and nuclear positivity in glandular cells.



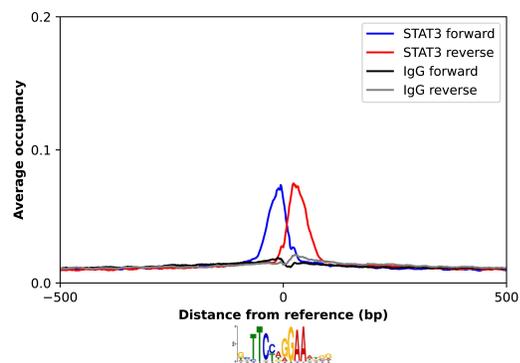
Immunohistochemistry-Paraffin: STAT3 Antibody [NBP2-38857] - Staining of human skeletal muscle shows weak nuclear positivity in myocytes.



Immunohistochemistry-Paraffin: STAT3 Antibody [NBP2-38857] - Staining of human tonsil shows strong cytoplasmic positivity in squamous epithelial cells.



ChIP-Exo-Seq composite graph for Anti-STAT3 (NBP2-38857) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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Products Related to NBP2-38857

NBP2-38857PEP	STAT3 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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