

# Product Datasheet

## STAT6 Antibody - BSA Free

### NBP1-85345

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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**NBP1-85345**

STAT6 Antibody - BSA Free

**Product Information**

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

**Product Description**

<b>Description</b>	Novus Biologicals Rabbit STAT6 Antibody - BSA Free (NBP1-85345) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6778
<b>Gene Symbol</b>	STAT6
<b>Species</b>	Human
<b>Immunogen</b>	This STAT6 antibody was developed against Recombinant Protein corresponding to amino acids: VYPPHSHSIPPYQGLSPEESVNVLSAFQEPHLQMPPSLGQMSLPFDQPHPQG LLPCQPQEHAHVSSPDPLLCSDVTMVEDSCLSQPVTAFPQGTWIGEDIFPPLLPP TEQDLTKLLLEGQGEGSGGSLGAQPLLQPSHYGQSGISMMDLR

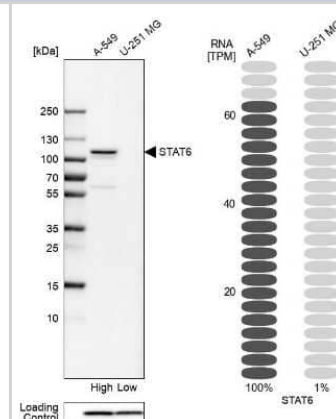
**Product Application Details**

<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.  In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in RT-4, separated by Size, antibody dilution of 1:20, apparent MW was 100 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

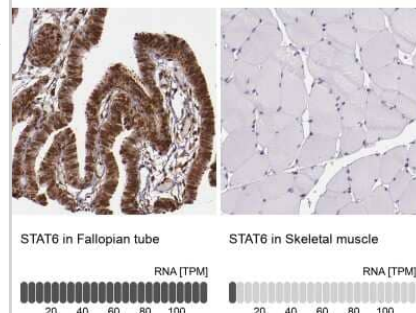


## Images

Western Blot: STAT6 Antibody [NBP1-85345] - Analysis in human cell lines A-549 and U-251MG using Anti-STAT6 antibody. Corresponding STAT6 RNA-seq data are presented for the same cell lines. Loading control: Anti-PFN1.



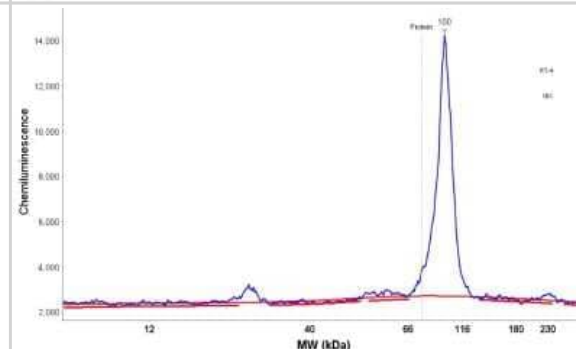
Immunohistochemistry-Paraffin: STAT6 Antibody [NBP1-85345] - Staining in human fallopian tube and skeletal muscle tissues using NBP1-85345 antibody. Corresponding STAT6 RNA-seq data are presented for the same tissues.



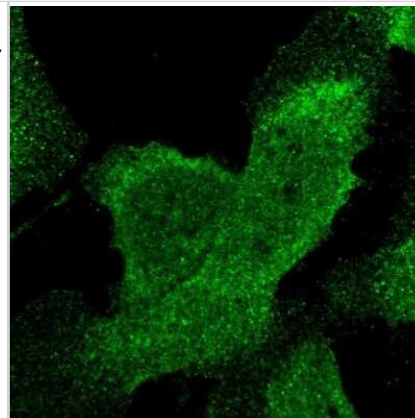
Simple Western: STAT6 Antibody [NBP1-85345] - Simple Western lane view shows a specific band for STAT6 in 0.2 mg/ml of RT-4 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



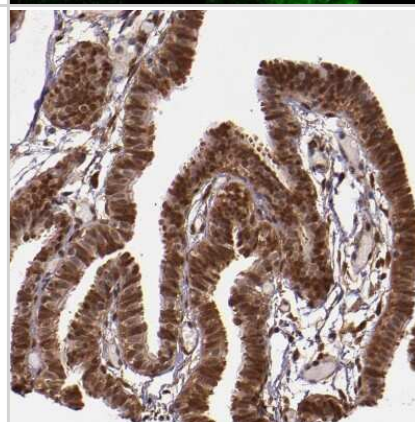
Simple Western: STAT6 Antibody [NBP1-85345] - Electropherogram image(s) of corresponding Simple Western lane view. STAT6 antibody was used at 1:20 dilution on RT-4 lysate(s).



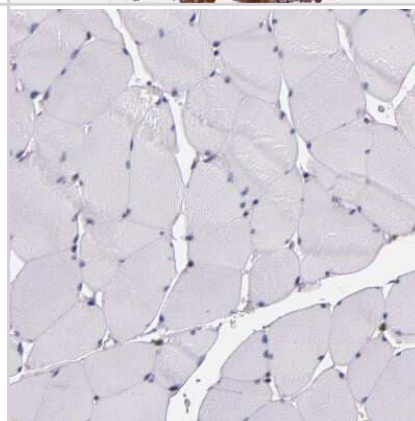
Immunocytochemistry/Immunofluorescence: STAT6 Antibody [NBP1-85345] - Staining of human cell line U-2 OS shows localization to nuclear membrane & cytosol. Antibody staining is shown in green.



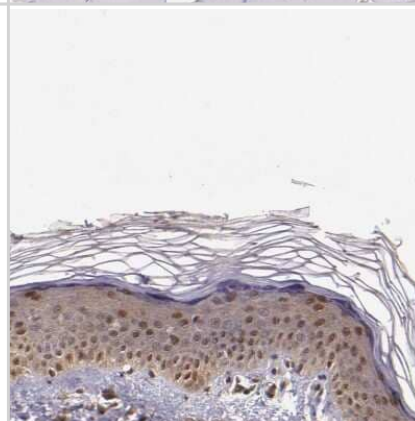
Immunohistochemistry-Paraffin: STAT6 Antibody [NBP1-85345] - Staining of human Fallopian tube shows moderate to strong nuclear and cytoplasmic positivity in glandular cells.



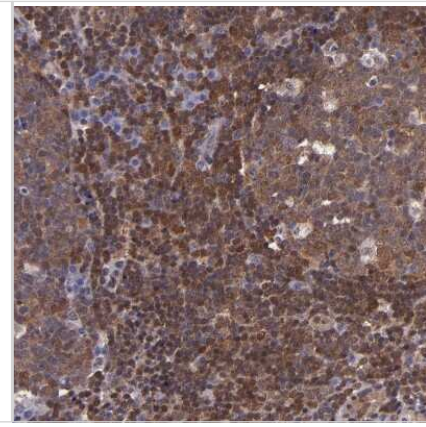
Immunohistochemistry-Paraffin: STAT6 Antibody [NBP1-85345] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: STAT6 Antibody [NBP1-85345] - Staining of human skin shows weak to moderate nuclear positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: STAT6 Antibody [NBP1-85345] - Staining of human tonsil shows moderate nuclear and cytoplasmic positivity in non-germinal center cells.





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### **Products Related to NBP1-85345**

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NBP1-85345PEP	STAT6 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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### **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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