

# Product Datasheet

## STAT6 Antibody 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

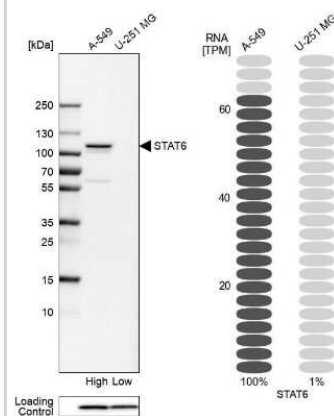
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	6778
Gene Symbol	STAT6
Species	Human
Immunogen	This STAT6 antibody was developed against Recombinant Protein corresponding to amino acids: VYPPHSHSIPPYQGLSPEESVNVLSAFQEPHLQMPPSLGQMSLPFDQPHPQG LLPCQPQEHAVSSPDPLLCSDVTMVEDSCLSQPVTAFPPQGTWIGEDIFPPLLPP TEQDLTKLLLEGQGEGSGGSLGAQPLLQPSHYGGQSGISMMDLR

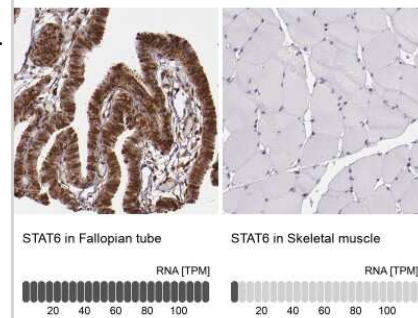
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	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. 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.



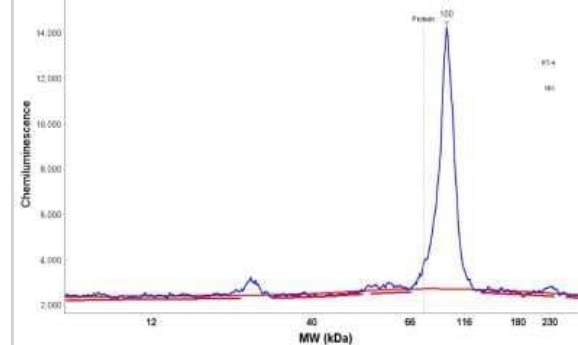
Immunohistochemistry-Paraffin: STAT6 Antibody [NBP1-85345] - Staining in human fallopian tube and skeletal muscle tissues using NBP1-85345 antibody. Corresponding STAT6 RNA-seq data are presented for the same tissues.



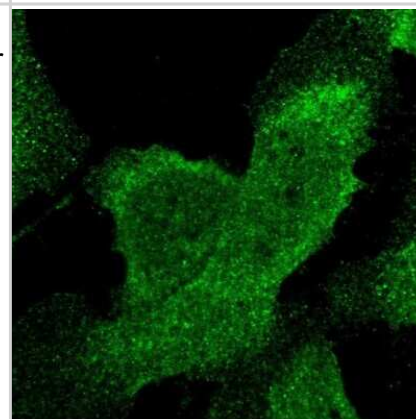
Simple Western: STAT6 Antibody [NBP1-85345] - Simple Western lane view shows a specific band for STAT6 in 0.2 mg/ml of RT-4 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



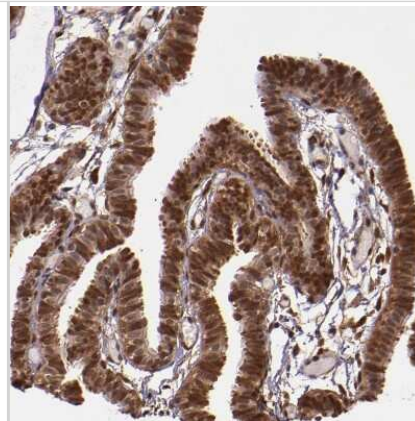
Simple Western: STAT6 Antibody [NBP1-85345] - Electropherogram image(s) of corresponding Simple Western lane view. STAT6 antibody was used at 1:20 dilution on RT-4 lysate(s).



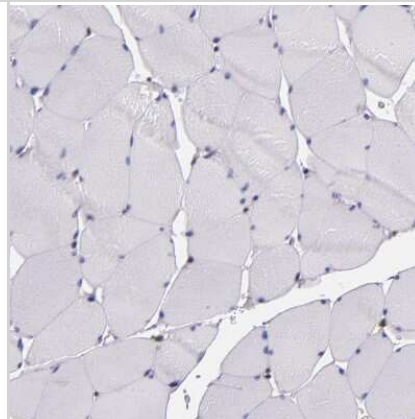
Immunocytochemistry/Immunofluorescence: STAT6 Antibody [NBP1-85345] - Staining of human cell line U-2 OS shows localization to nuclear membrane & cytosol. Antibody staining is shown in green.



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



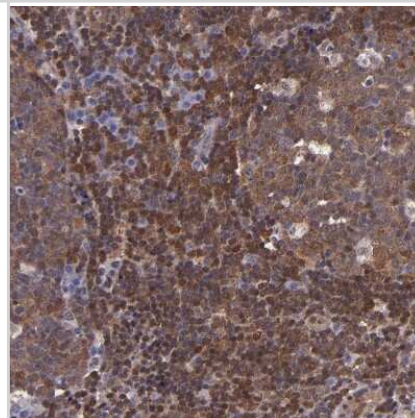
Immunohistochemistry-Paraffin: STAT6 Antibody [NBP1-85345] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



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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