

# Product Datasheet

## SCX Antibody (PSH02-25)

### NBP3-33137

Unit Size: 100 ul

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

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**NBP3-33137**

SCX Antibody (PSH02-25)

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	PSH02-25
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH7.4), 0.1% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	22 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit SCX Antibody (PSH02-25) (NBP3-33137) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	642658
<b>Gene Symbol</b>	SCX
<b>Species</b>	Human
<b>Immunogen</b>	Recombinant protein within human SCX aa 1-201 / 201. (Uniprot: Q7RTU7)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100

## Images

Western Blot: SCX Antibody (PSH02-25) [NBP3-33137] - Western blot analysis of SCX on different lysates with Rabbit anti-SCX antibody (NBP3-33137) at 1/1,000 dilution.

Lane 1: HEK-293-NT cell lysate  
 Lane 2: HEK-293-OE-SCXA cell lysate  
 Lane 3: HeLa-NT cell lysate  
 Lane 4: HeLa-OE-SCXA cell lysate

Lysates/proteins at 30 ug/Lane.

Predicted band size: 22 kDa  
 Observed band size: 27 kDa

Exposure time: 24 seconds;

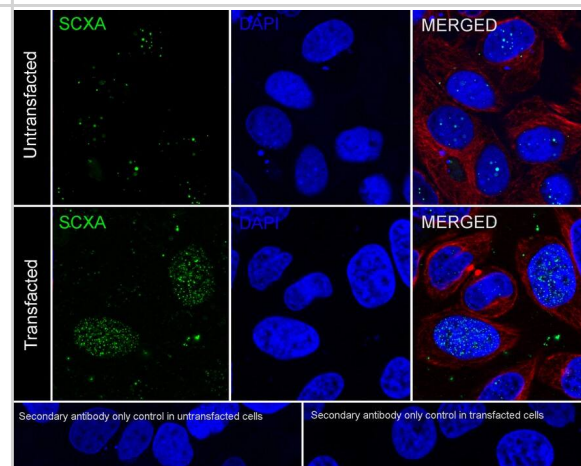
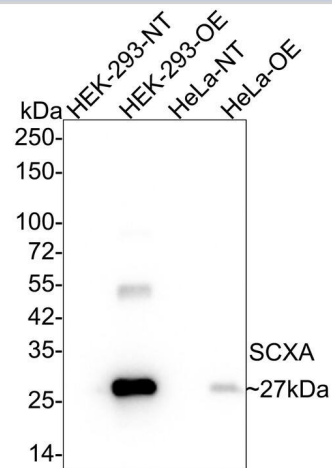
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-33137) at 1/1,000 dilution was used in 5% NFDm/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence: SCX Antibody (PSH02-25) [NBP3-33137] - Immunocytochemistry analysis of HeLa transfected with or without SCX cells labeling SCXA with Rabbit anti-SCX antibody (NBP3-33137) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-SCX antibody (NBP3-33137) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4°C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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### **Products Related to NBP3-33137**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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