

# Product Datasheet

## LEDGF Antibody (PSH02-55)

### NBP3-32860

Unit Size: 100 ul

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

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**NBP3-32860**

LEDGF Antibody (PSH02-55)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH02-55
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	60 kDa
Product Description	
Host	Rabbit
Gene ID	11168
Gene Symbol	PSIP1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human LEDGF aa 51-530 / 530 (O75475). (Uniprot: O75475)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:1000



## Images

Western Blot: LEDGF Antibody (PSH02-55) [NBP3-32860] - Western blot analysis of LEDGF on different lysates with Rabbit anti-LEDGF antibody (NBP3-32860) at 1/1,000 dilution.

Lane 1: HeLa cell lysate  
Lane 2: Jurkat cell lysate  
Lane 3: 293T cell lysate  
Lane 4: SH-SY5Y cell lysate  
Lane 5: THP-1 cell lysate  
Lane 6: PC-12 cell lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 60 kDa  
Observed band size: 75 kDa

Exposure time: 3 minutes;

4-20% SDS-PAGE gel.

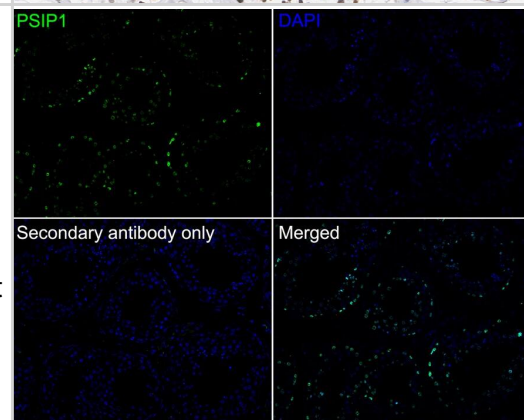
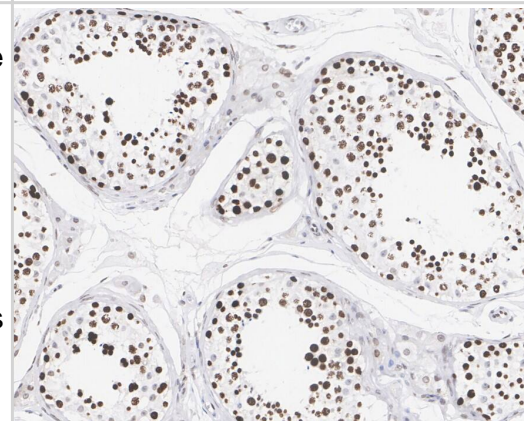
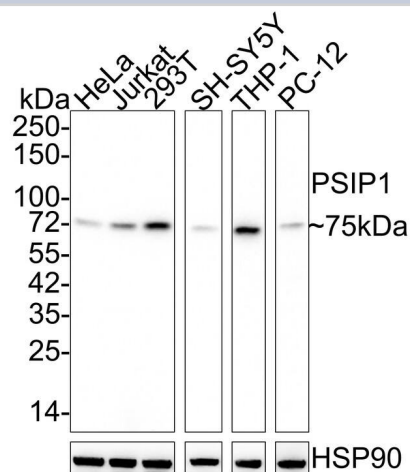
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32860) at 1/1,000 dilution was used in 5% NFDM/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: LEDGF Antibody (PSH02-55) [NBP3-32860] - Immunohistochemical analysis of paraffin-embedded human testis tissue with Rabbit anti-LEDGF antibody (NBP3-32860) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32860) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Immunohistochemistry: LEDGF Antibody (PSH02-55) [NBP3-32860] - Immunofluorescence analysis of paraffin-embedded human testis tissue labeling LEDGF with Rabbit anti-LEDGF antibody (NBP3-32860) at 1/200 dilution.

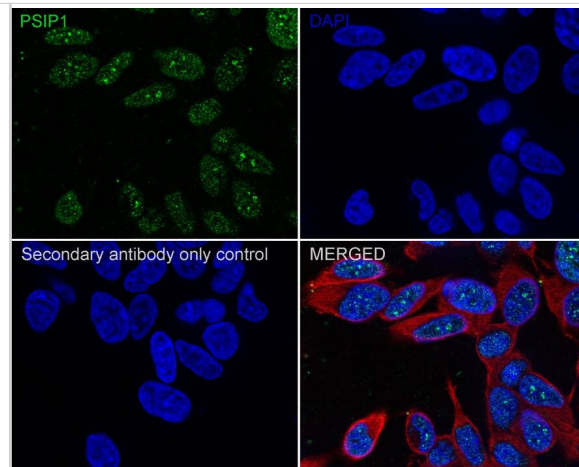
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32860, green) at 1/200 dilution overnight at 4 °C, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



Immunocytochemistry/ Immunofluorescence: LEDGF Antibody (PSH02-55) [NBP3-32860] - Immunocytochemistry analysis of SH-SY5Y cells labeling LEDGF with Mouse anti-LEDGF antibody (NBP3-32860) 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 Mouse anti-LEDGF antibody (NBP3-32860) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Mouse 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-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.





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### **Products Related to NBP3-32860**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-87885PEP	LEDGF Recombinant Protein Antigen

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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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