

# Product Datasheet

## hHpr1-p84-Thoc1 Antibody - BSA Free NBP1-89670

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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**NBP1-89670**

hHpr1-p84-Thoc1 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**

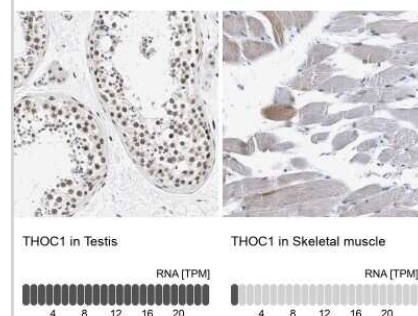
<b>Host</b>	Rabbit
<b>Gene ID</b>	9984
<b>Gene Symbol</b>	THOC1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: KILMGNEELTRLWNLCPDNMEACKSETREHMPTLEEFFEEAIEQADPENMVEN EYKAVNNSNYGWRALRLLARRSPHFFQPTNQQFKSLPEYLENMVIKLAKELPP PSEEIKTGEDEDEEDNDALLK

**Product Application Details**

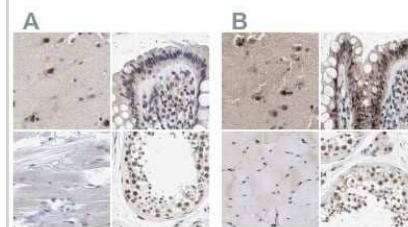
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

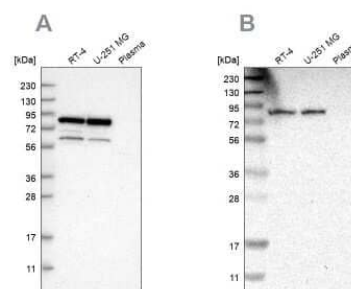
Immunohistochemistry-Paraffin: hHpr1-p84-Thoc1 Antibody [NBP1-89670] - Staining in human testis and skeletal muscle tissues using anti-THOC1 antibody. Corresponding THOC1 RNA-seq data are presented for the same tissues.



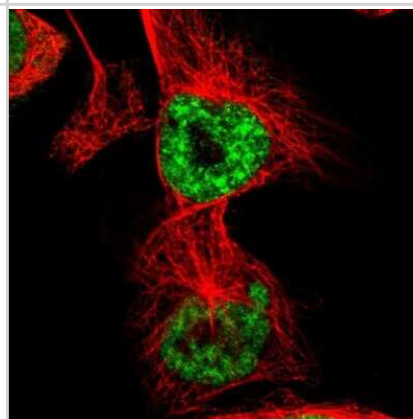
**Immunohistochemistry-Paraffin: hHpr1-p84-Thoc1 Antibody [NBP1-89670]** - Staining of human cerebral cortex, colon, skeletal muscle and testis using Anti-THOC1 antibody NBP1-89670 (A) shows similar protein distribution across tissues to independent antibody NBP1-89669 (B).



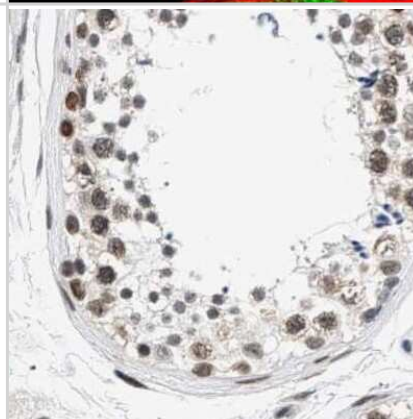
**Western Blot: hHpr1-p84-Thoc1 Antibody [NBP1-89670]** - Analysis using Anti-THOC1 antibody NBP1-89670 (A) shows similar pattern to independent antibody NBP1-89669 (B).



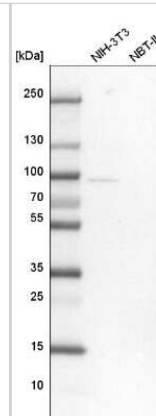
**Immunocytochemistry/Immunofluorescence: hHpr1-p84-Thoc1 Antibody [NBP1-89670]** - Staining of human cell line U-251 MG shows localization to nuclear speckles.



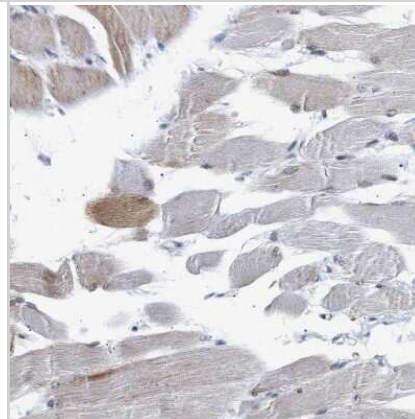
**Immunohistochemistry-Paraffin: hHpr1-p84-Thoc1 Antibody [NBP1-89670]** - Staining of human testis using Anti-THOC1 antibody NBP1-89670.



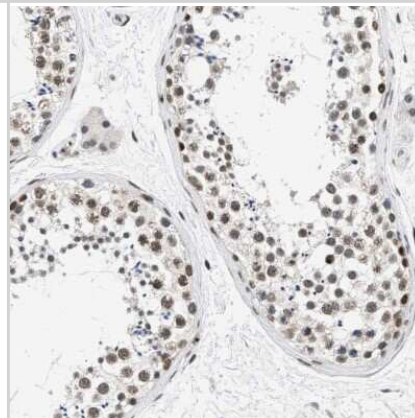
Western Blot: hHpr1-p84-Thoc1 Antibody [NBP1-89670] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



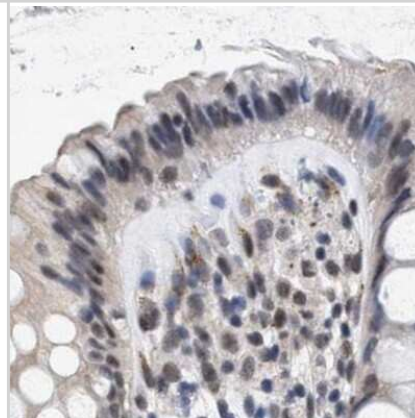
Immunohistochemistry-Paraffin: hHpr1-p84-Thoc1 Antibody [NBP1-89670] - Staining of human skeletal muscle shows low expression as expected.



Immunohistochemistry-Paraffin: hHpr1-p84-Thoc1 Antibody [NBP1-89670] - Staining of human testis shows high expression.



Immunohistochemistry-Paraffin: hHpr1-p84-Thoc1 Antibody [NBP1-89670] - Staining of human colon.



Immunohistochemistry-Paraffin: hHpr1-p84-Thoc1 Antibody [NBP1-89670] - Staining of human cerebral cortex.



Immunohistochemistry-Paraffin: hHpr1-p84-Thoc1 Antibody [NBP1-89670] - Staining of human skeletal muscle using Anti-THOC1 antibody NBP1-89670.



## Publications

Dominguez-Sanchez MS, Saez C, Japon MA et al. Differential expression of THOC1 and ALY mRNP biogenesis/export factors in human cancers. BMC Cancer 2011-02-17 [PMID: 21329510]



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### **Products Related to NBP1-89670**

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NBP1-89670PEP	hHpr1-p84-Thoc1 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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