

# Product Datasheet

## THOC2 Antibody - BSA Free

### NBP1-92500

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 1

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Updated 2/21/2025 v.20.1

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**NBP1-92500**

THOC2 Antibody - BSA Free

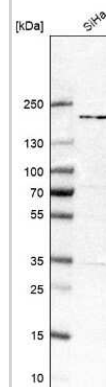
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	57187
Gene Symbol	THOC2
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VHKWHYKLTKASVHCLETGEYTHIRNILIVLTKILPWYPKVLNLGQALERRVHKIC QEEKEKRPDLYALAMGYSGQLKSRKSYMIPENEFHHKDPPPRNAVASV

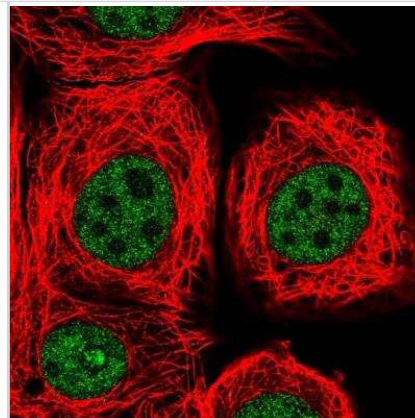
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

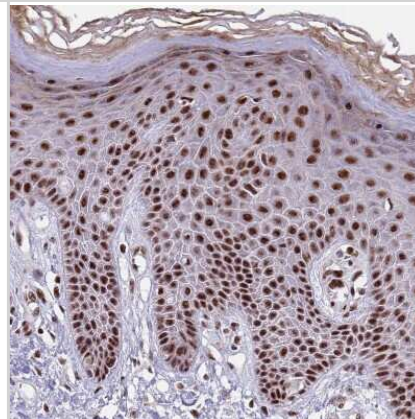
Western Blot: THOC2 Antibody [NBP1-92500] - Analysis in human cell line SiHa.



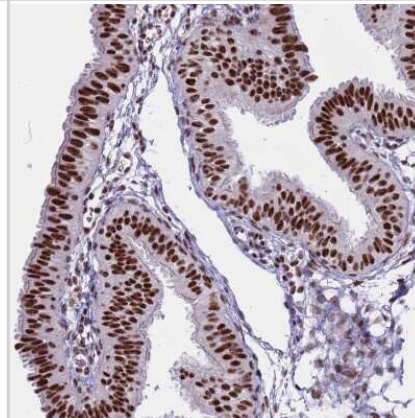
Immunocytochemistry/Immunofluorescence: THOC2 Antibody [NBP1-92500] - Staining of human cell line MCF-7 shows positivity in nucleus but not nucleoli. Antibody staining is shown in green.



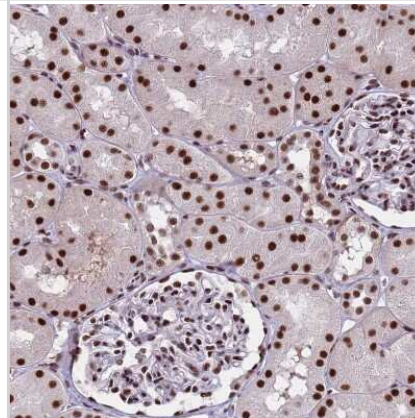
Immunohistochemistry-Paraffin: THOC2 Antibody [NBP1-92500] - Staining of human skin shows strong nuclear positivity in squamous epithelial cells.



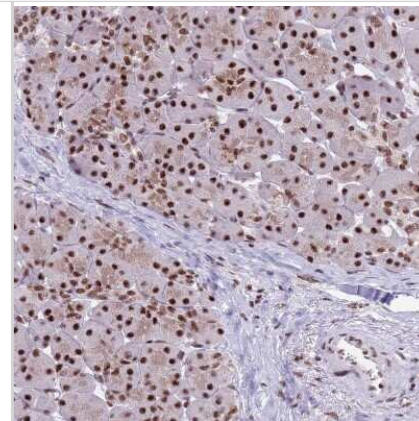
Immunohistochemistry-Paraffin: THOC2 Antibody [NBP1-92500] - Staining of human fallopian tube shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: THOC2 Antibody [NBP1-92500] - Staining of human kidney shows strong nuclear positivity in cells in tubules and glomeruli.



Immunohistochemistry-Paraffin: THOC2 Antibody [NBP1-92500] - Staining of human pancreas shows strong nuclear positivity in exocrine glandular cells.



## Publications

Polenkowski M, Allister AB, Burbano de Lara S et al. THOC5 complexes with DDX5, DDX17, and CDK12 to regulate R loop structures and transcription elongation rate *iScience* 2023-01-20 [PMID: 36590164]





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### **Products Related to NBP1-92500**

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NBP1-92500PEP	THOC2 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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