

Product Datasheet

THOC5 Antibody NBP1-19160

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NBP1-19160**THOC5 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

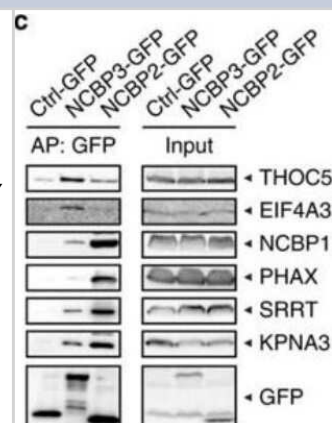
Product Description	
Host	Rabbit
Gene ID	8563
Gene Symbol	THOC5
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 25 and 75 of human THO complex 5 using the numbering given in entry NP_003669.4 (GeneID 8563).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:100 - 1:500, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100 - 1:500
Application Notes	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

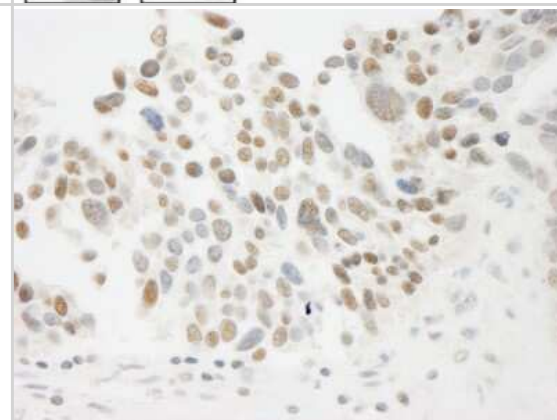


Images

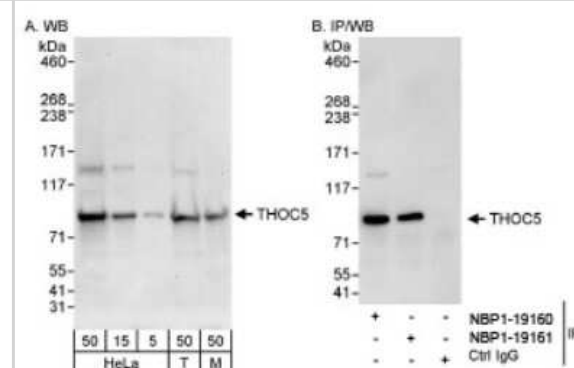
Western Blot: THOC5 Antibody [NBP1-19160] - Association of NCBP3 and NCBP2 with NCBP1 and proteins involved in RNA processing. Western blot analysis of representative GFP-precipitated proteins identified by AP-MS analysis. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/ncomms9192>), licensed under a CC-BY license.



Immunohistochemistry-Paraffin: THOC5 Antibody [NBP1-19160] - Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti- THOC5 used at a dilution of 1:200 (1ug/ml). Detection: DAB



Western Blot: THOC5 Antibody [NBP1-19160] - Whole cell lysate from HeLa, 293T and mouse NIH3T3 cells. THOC5 was also immunoprecipitated by rabbit anti-THOC5 antibody NBP1-19161.



Publications

Chou YJ, Lin CC, Hsu YC et al. Andrographolide suppresses the malignancy of triple-negative breast cancer by reducing THOC1-promoted cancer stem cell characteristics Biochemical Pharmacology 2022-12-01 [PMID: 36330949] (WB, Human)

Gebhardt A, Habjan M, Benda C et al. mRNA export through an additional cap-binding complex consisting of NCBP1 and NCBP3. Nat Commun 2015-09-18 [PMID: 26382858] (WB, Human)

Ramachandran S, Tran DD, Klebba-Faerber S et al. An ataxia-telangiectasia-mutated (ATM) kinase mediated response to DNA damage down-regulates the mRNA-binding potential of THOC5. RNA 2011-11-01 [PMID: 21937706]



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Products Related to NBP1-19160

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00008563-P01-10ug	Recombinant Human THOC5 GST (N-Term) Protein

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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