

For Research Use Only

THOC2 Polyclonal antibody

Catalog Number: 55178-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

55178-1-AP

Size:

133 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_020449

GeneID (NCBI):

57187

UNIPROT ID:

Q8NI27

Full Name:

THO complex 2

Calculated MW:

183 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IF 1:20-1:200

Applications

Tested Applications:

WB, IP, IF, ICC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells, Jurkat cells

IP : HeLa cells,

IF : HeLa cells,

Background Information

THOC2 also termed as THO complex 2 or CXorf3 is 1593 amino acid protein, which belongs to the THOC2 family. THOC2 is a component of heteromultimeric THO/TREX (transcription/export) complex, which is a multi-protein structure consisting of THOC1, THOC2, THOC3, BAT1 and ALY. The TREX complex associates with spliced mRNA and not with unspliced pre-mRNA. It is recruited to spliced mRNAs by a transcription-independent mechanism.

Notable Publications

Author	Pubmed ID	Journal	Application
Mattioli Francesca	30476144	Hum Mol Genet	WB
Toshie Sakuma	24618812	Viruses	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

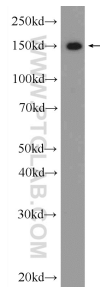
T: 4006900926

E: Proteintech-CN@ptglab.com

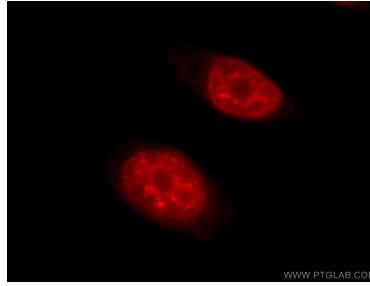
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

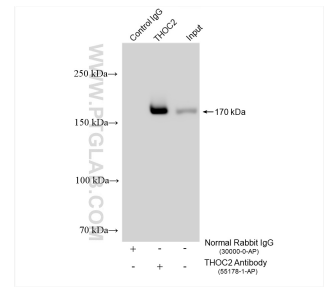
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 55178-1-AP (THOC2 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 55178-1-AP (THOC2 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG.



IP result of anti-THOC2 (IP:55178-1-AP, 4ug; Detection:55178-1-AP 1:600) with HeLa cells lysate 1600 ug.