

For Research Use Only

THOC2 Polyclonal antibody

Catalog Number: 55178-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

55178-1-AP

Size:

150ul, Concentration: 133 ug/ml by Bradford method using BSA as the standard;

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 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells, Jurkat cells

IP : HeLa cells,

IF/ICC : 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

*** 20ul sizes contain 0.1% BSA

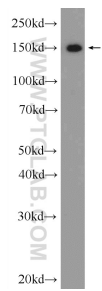
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

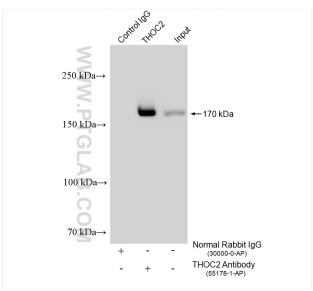
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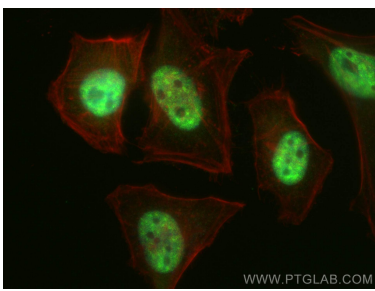
Selected Validation Data



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.



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



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using THOC2 antibody (55178-1-AP) at dilution of 1:200 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).