

For Research Use Only

# THOC2 Polyclonal antibody, PBS Only

Catalog Number: 55178-1-PBS

Featured Product



## Basic Information

### Catalog Number:

55178-1-PBS

### Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

### 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

## Applications

### Tested Applications:

WB, IF/ICC, IP, Indirect ELISA

### Species Specificity:

human

## 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.

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS only, pH7.3

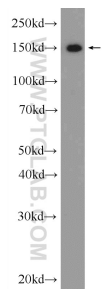
For technical support and original validation data for this product please contact:

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

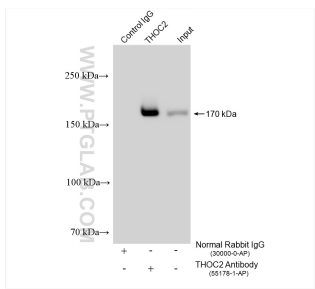
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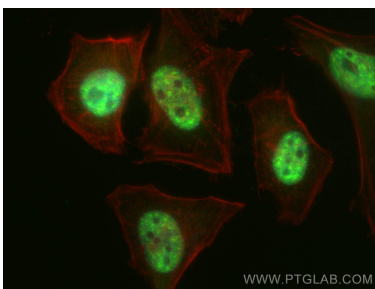
## Selected Validation Data



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. This data was developed using the same antibody clone with 55178-1-PBS in a different storage buffer formulation.



IP result of anti-THOC2 (IP:55178-1-AP, 4ug; Detection:55178-1-AP 1:600) with HeLa cells lysate 1600 ug. This data was developed using the same antibody clone with 55178-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 55178-1-PBS in a different storage buffer formulation.