

# Nuclear Matrix Protein p84 (THOC1) Rabbit pAb

Catalog No.: A8179 **1 Publications**

## Basic Information

### Observed MW

85kDa

### Calculated MW

76kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

Predicted to enable DNA binding activity and RNA binding activity. Involved in several processes, including negative regulation of DNA damage checkpoint; regulation of nucleobase-containing compound metabolic process; and viral mRNA export from host cell nucleus. Located in cytoplasm and nuclear speck. Part of THO complex part of transcription export complex. Colocalizes with chromosome, telomeric region.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:100

## Immunogen Information

### Gene ID

9984

### Swiss Prot

Q96FV9

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 428-657 of human Nuclear Matrix Protein p84 (Nuclear Matrix Protein p84 (THOC1)) (NP\_005122.2).

### Synonyms

P84; HPR1; P84N5; DFNA86; Nuclear Matrix Protein p84 (THOC1)

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

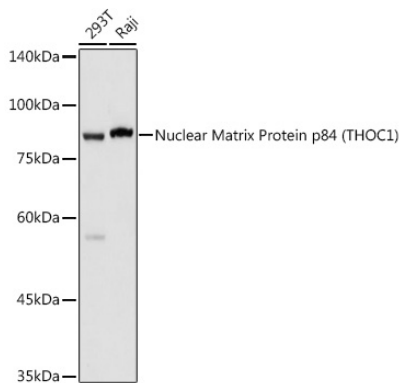
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of various lysates using Nuclear Matrix Protein p84 (THOC1) Rabbit pAb (A8179) at 1:1000 dilution.

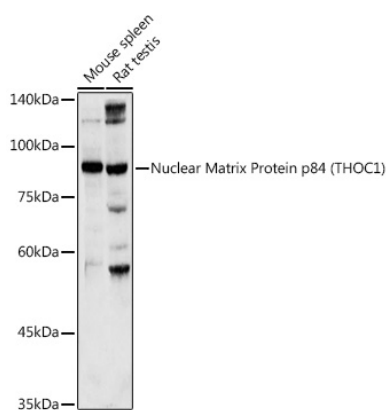
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Western blot analysis of various lysates using Nuclear Matrix Protein p84 (THOC1) Rabbit pAb (A8179) at 1:1000 dilution.

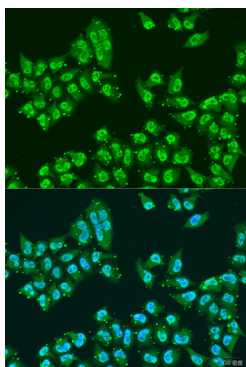
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

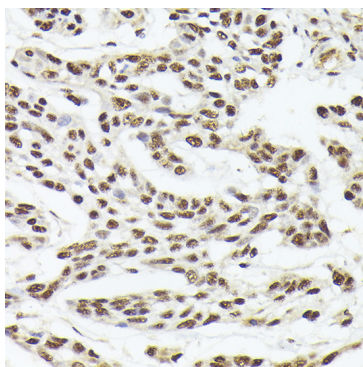
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

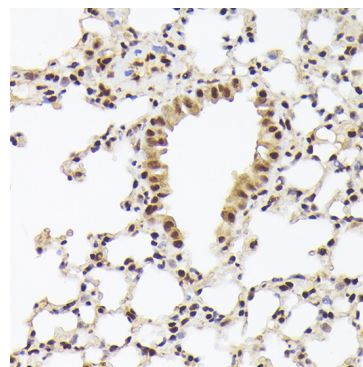
Exposure time: 30s.



Immunofluorescence analysis of U2OS cells using Nuclear Matrix Protein p84 (THOC1) Rabbit pAb (A8179) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



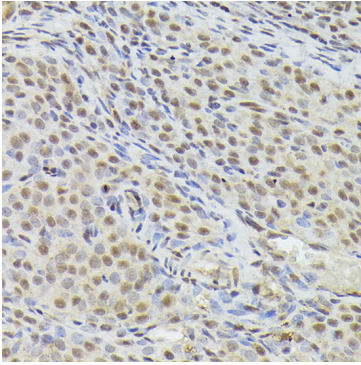
Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using Nuclear Matrix Protein p84 (THOC1) Rabbit pAb (A8179) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using Nuclear Matrix Protein p84 (THOC1) Rabbit pAb (A8179) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

## Validation Data

---



Immunohistochemistry analysis of paraffin-embedded Rat ovary using Nuclear Matrix Protein p84 (THOC1) Rabbit pAb (A8179) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.