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# Nuclear Matrix Protein p84 (THOC1) Rabbit mAb

**Catalog No.: A9269** Recombinant 2 Publications

## Basic Information

**Observed MW**
85kDa

**Calculated MW**
76kDa

**Category**
Primary antibody

**Applications**
WB,IP,ELISA

**Cross-Reactivity**
Human, Mouse, Rat

**CloneNo number**
ARC1504

## 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

| | |
|---|---|
| **WB** | 1:500 - 1:1000 |
| **IP** | 0.5μg-4μg antibody for 200μg-400μg extracts of whole cells |
| **ELISA** | Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |

## Immunogen Information

**Gene ID**
9984

**Swiss Prot**
Q96FV9

**Immunogen**
Synthetic peptide. This information is considered to be commercially sensitive.

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

## Contact


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## Product Information

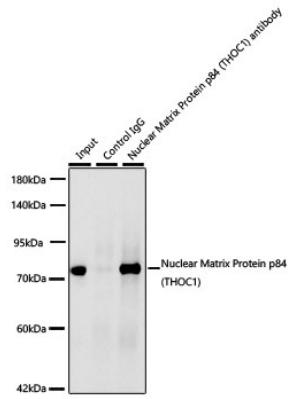
**Source**
Rabbit

**Isotype**
IgG

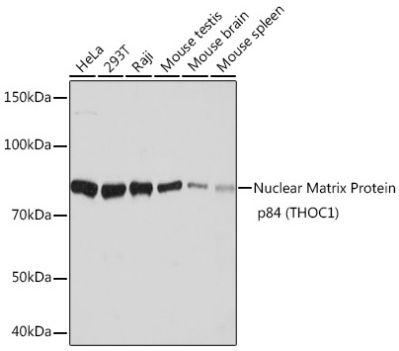
**Purification**
Affinity purification

**Storage**
Store at -20℃

## Validation Data




Immunoprecipitation of Nuclear Matrix Protein p84 (THOC1) from 300 µg extracts of 293F cells was performed using 3 µg of Nuclear Matrix Protein p84 (THOC1) Rabbit mAb (A9269). Rabbit IgG isotype control (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Nuclear Matrix Protein p84 (THOC1) Rabbit mAb (A9269) at a dilution of 1:1000.




Western blot analysis of various lysates using Nuclear Matrix Protein p84 (THOC1) (THOC1) Rabbit mAb (A9269) at 1:1000 dilution.|Secondary antibody: HRP-conjugated 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.