A9269

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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
SMab Recombinant Monoclonal 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)

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Contact

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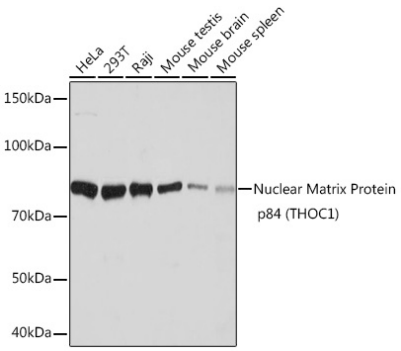
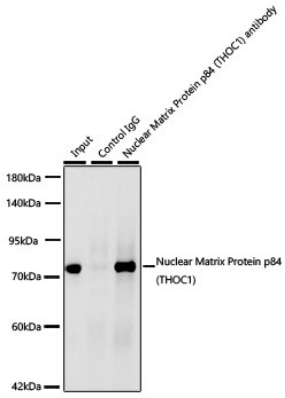
Validation Data



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.



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.