

Anti-NAP1L1 Antibody (9V567)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 45 kDa. Actual: 50-58 kDa.
Clone:	9V567
Purification:	Protein A purified

Applications

Verified Activity:

1. The HeLa (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.). Primary Antibody (green): Rabbit Anti-NAP1L1 antibody (TMAB-09230): 1 µg/10⁶ cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-FITC: 1 µg/test. Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.
2. 4% Paraformaldehyde-fixed HeLa (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (NAP1L1) monoclonal Antibody, unconjugated (TMAB-09230) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.
3. 25 µg total protein per lane of various lysates (see on figure) probed with NAP1L1 monoclonal antibody, unconjugated (TMAB-09230) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
4. Paraformaldehyde-fixed, paraffin embedded Mouse Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NAP1L1 Monoclonal Antibody, Unconjugated (TMAB-09230) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NAP1L1 Monoclonal Antibody, Unconjugated (TMAB-09230) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NAP1L1 Monoclonal Antibody, Unconjugated (TMAB-09230) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Mouse Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NAP1L1 Monoclonal Antibody, Unconjugated (TMAB-09230) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
8. Paraformaldehyde-fixed, paraffin embedded Rat Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NAP1L1 Monoclonal Antibody, Unconjugated (TMAB-09230) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
9. Paraformaldehyde-fixed, paraffin embedded Human Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NAP1L1 Monoclonal

Antibody, Unconjugated (TMAB-09230) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.

10. Paraformaldehyde-fixed, paraffin embedded Mouse Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NAP1L1 Monoclonal Antibody, Unconjugated (TMAB-09230) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.

11. Paraformaldehyde-fixed, paraffin embedded Rat Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NAP1L1 Monoclonal Antibody, Unconjugated (TMAB-09230) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.

12. Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NAP1L1 Monoclonal Antibody, Unconjugated (TMAB-09230) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.

Application: WB,FCM,ICC/IF,IHC-P,IHC-Fr,IF

Recommended WB=1:500-2000,Flow-Cyt=1:50-100,ICC/IF=1:50-200,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized peptide: human NAP1L1

Antigen Species: Human

Gene ID: 4673

Uniprot ID: P55209

Research Background

May be involved in modulating chromatin formation and contribute to regulation of cell proliferation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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