

# Phospho-TOP2A (Ser1337) Polyclonal Antibody

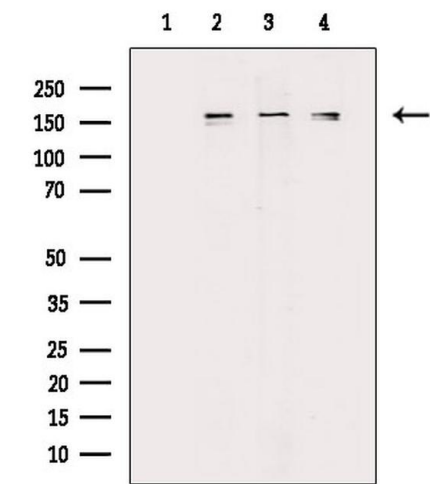
| Product Details    |   |
|--------------------|---|
| Size               | 100 µL  |
| Species Reactivity | Human, Mouse, Rat   |
| Host/Isotype       | Rabbit / IgG  |
| Class              | Polyclonal  |
| Type               | Antibody  |
| Conjugate          | Unconjugated  |
| Immunogen          | A synthesized peptide derived from human TOP2A(Accession P11388), corresponding to amino acid residues around phosphorylated Ser1337. |
| Form               | Liquid  |
| Concentration      | 1 mg/mL   |
| Purification       | sequential chromatography   |
| Storage buffer     | PBS, pH 7.4, with 50% glycerol  |
| Contains           | 0.02% sodium azide  |
| Storage conditions | -20°C   |
| RRID               | AB_2903288  |

| Applications                              | Tested Dilution | Publications |
|---|-----------------|--------------|
| Western Blot (WB)                         | 1:1,000-1:3,000 | -            |
| Immunohistochemistry (Paraffin) (IHC (P)) | 1:50-1:200      | -            |
| Immunocytochemistry (ICC/IF)              | 1:100-1:500     | -            |

## Product Specific Information

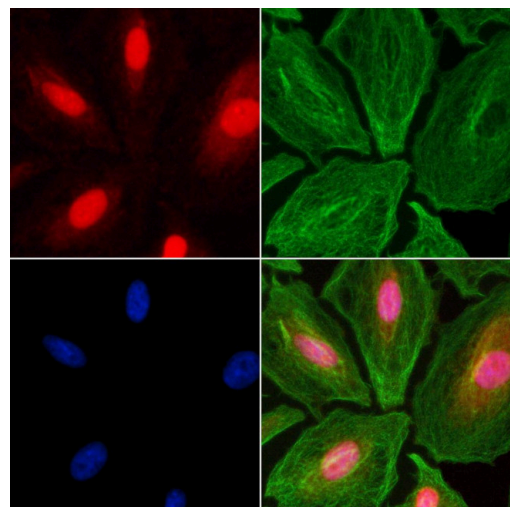
Antibody detects endogenous levels of TOP2A only when phosphorylated at Ser1337.

Product Images For Phospho-TOP2A (Ser1337) Polyclonal Antibody



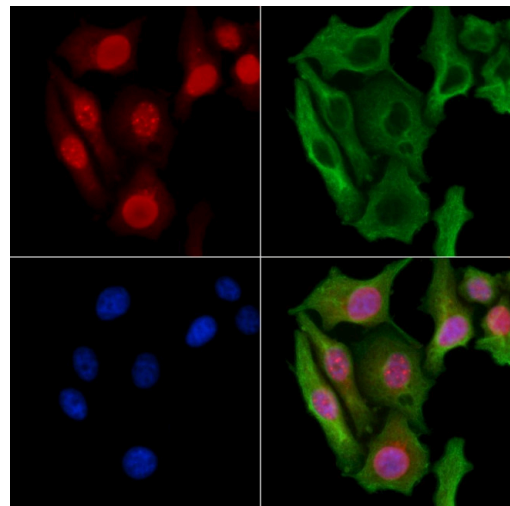
Phospho-TOP2A (Ser1337) Antibody (PA5-118788) in WB

Western blot analysis of Phospho-TOP2A (Ser1337) in multiple cell lines using a Phospho-TOP2A (Ser1337) polyclonal antibody (Product # PA5-118788). Lane 1: Rat kidney, blocked with antigen-specific peptides, Lane 2: Rat kidney, Lane 3: Mouse kidney, Lane 4: HepG2 cells (serum starvation treatment), Lane 5: RAW264.7 cells (serum starvation treatment).



Phospho-TOP2A (Ser1337) Antibody (PA5-118788) in ICC/IF

Immunocytochemistry analysis of Phospho-TOP2A (Ser1337) in A549 cells (UV treatment). The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were incubated with Phospho-TOP2A (Ser1337) polyclonal antibody (Product # PA5-118788) and mouse anti-beta tubulin antibody for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG (Green) were used as the secondary antibodies. The nuclear counter stain is DAPI (blue).



Phospho-TOP2A (Ser1337) Antibody (PA5-118788) in ICC/IF

Immunocytochemistry analysis of Phospho-TOP2A (Ser1337) in HepG2 cells. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were incubated with Phospho-TOP2A (Ser1337) polyclonal antibody (Product # PA5-118788) and mouse anti-beta tubulin antibody for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG (Green) were used as the secondary antibodies. The nuclear counter stain is DAPI (blue).

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