

Phospho-CENPA (Ser7) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding pSer7 of human CENP-A protein
Form	Liquid
Concentration	26 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10987142

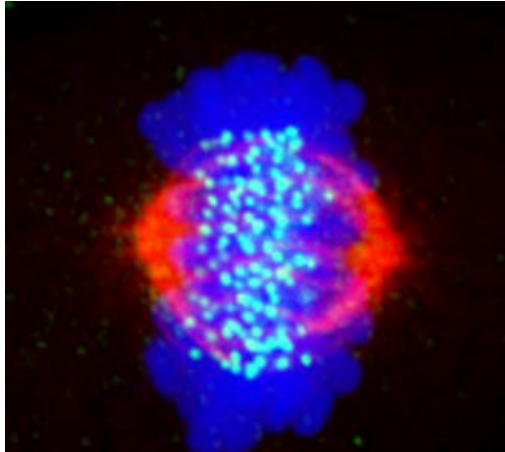
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunocytochemistry (ICC/IF)	1:100	-
Immunoprecipitation (IP)	1:25	-

Product Specific Information

It is not recommended to aliquot this antibody.

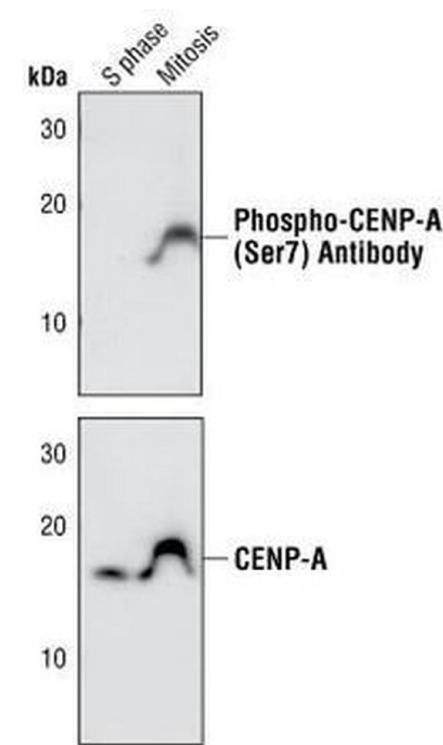
This antibody is not cross-reactive with other histone proteins, including Histone H3.

Product Images For Phospho-CENPA (Ser7) Polyclonal Antibody



Phospho-CENPA (Ser7) Antibody (PA5-17195) in ICC/IF

Immunofluorescent analysis of Phospho-CENP-A pSer7 in a mitotic HeLa cell using a Phospho-CENP-A pSer7 polyclonal antibody (Product # PA5-17195) (green) and a beta-Tubulin monoclonal antibody (red). Phospho-CENP-A signal is localized to bright spots in the metaphase plate. DNA is labeled using a fluorescent blue dye.



Phospho-CENPA (Ser7) Antibody (PA5-17195) in WB

Western blot analysis of Phospho-CENP-A pSer7 in extracts from HeLa cells arrested in S phase or mitosis using Phospho-CENP-A pSer7 polyclonal antibody (Product # PA5-17195) (upper panel) or a CENP-A polyclonal antibody (lower panel). S phase cells were treated for 12 hours with thymidine (2 mM), rinsed three times, released into normal growth medium for 10 hours and then treated an additional 12 hours with thymidine before harvesting. Mitotic cells were treated for 12 hours with thymidine, rinsed three times and then treated for 16 hours with paxlitaxol (500 nM final).

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