

Anti-Phospho-CENP-A (Ser7) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 15 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications

Application:	ELISA, ICC/IF
Recommended	ICC/IF: 1:200-1000; ELISA: 1:10000

Properties

Stability & Storage:	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 phosphopeptide: human Centromeric Protein A around the phosphorylation site of Ser7. AA range:1-50
Antigen Species:	Human
Uniprot ID:	P49450
Synonyms:	p-CENP-A (Ser7);p-CENP-A (S7);CENA (p-Ser7);CENA (p-S7)

Research Background

centromere protein A(CENPA) Homo sapiens Centromeres are the differentiated chromosomal domains that specify the mitotic behavior of chromosomes. This gene encodes a centromere protein which contains a histone H3 related histone fold domain that is required for targeting to the centromere. Centromere protein A is proposed to be a component of a modified nucleosome or nucleosome-like structure in which it replaces 1 or both copies of conventional histone H3 in the (H3-H4)₂ tetrameric core of the nucleosome particle. The protein is a replication-independent histone that is a member of the histone H3 family. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Nov 2015],

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