

CENP-A (phospho Ser7) Polyclonal Antibody

Catalog No: #13978

Package Size: #13978-1 50ul #13978-2 100ul

Description

Product Name	CENP-A (phospho Ser7) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IF/ICC,ELISA
Species Reactivity	Human
Specificity	Phospho-CENP-A (S7) Polyclonal Antibody detects endogenous levels of CENP-A protein only when phosphorylated at S7.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Centromeric Protein A around the phosphorylation site of Ser7. AA range:1-50
Conjugates	Unconjugated
Other Names	CENPA; Histone H3-like centromeric protein A; Centromere autoantigen A; Centromere protein A; CENP-A
Accession No.	Swiss Prot:P49450GeneID:1058
Calculated MW	15kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

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],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.