

Datasheet for ABIN683641
anti-CENPA antibody (pSer7) (Cy3)



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Overview

Quantity:	100 µL
Target:	CENPA
Binding Specificity:	pSer7
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CENPA antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human CENP-A around the phosphorylation site of Ser7 [RR(p-S)RK]
Isotype:	IgG
Predicted Reactivity:	Human,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CENPA
Alternative Name:	CENPA (CENPA Products)

Target Details

Background:	Synonyms: CENP A, CENP-A, Centromere autoantigen A, Centromere protein A 17 kDa, centromere protein A, centromeric protein A, Histone H3 like centromeric protein A. Background: Centromeres are the differentiated chromosomal domains that specify the mitotic behavior of chromosomes. CENPA encodes a centromere protein which contains a histone H3 related histone fold domain that is required for targeting to the centromere. CENPA 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. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq].
Gene ID:	1058
Pathways:	Chromatin Binding , Maintenance of Protein Location

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months