

Datasheet for ABIN683638
anti-CENPA antibody (pSer7)



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Overview

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

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: WB 1:300-5000
ELISA 1:500-1000
IHC-F 1:100-500
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: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months