

Datasheet for ABIN630727

anti-CENPA antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	CENPA
Binding Specificity:	Middle Region
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CENPA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	CENPA antibody was raised using the middle region of CENPA corresponding to a region with amino acids ALQEAAEAFVLVHLFEDAYLLTLHAGRVTLFPKDVQLARRIRGLEEGLG
Specificity:	CENPA antibody was raised against the middle region of CENPA
Purification:	Affinity purified

Target Details

Target:	CENPA
Alternative Name:	CENPA
Background:	Centromeres are the differentiated chromosomal domains that specify the mitotic behavior of chromosomes. CENPA is 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

Target Details

	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.
Molecular Weight:	16 kDa (MW of target protein)
Pathways:	Chromatin Binding , Maintenance of Protein Location

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	CENPA Blocking Peptide, , is also available for use as a blocking control in assays to test for specificity of this CENPA antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CENPA antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. CENPA antibody used at 1 ug/ml to detect target protein.