

Datasheet for ABIN657764

anti-CENPA antibody (AA 82-110)



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1 Image

Overview

Quantity:	400 µL
Target:	CENPA
Binding Specificity:	AA 82-110
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CENPA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CENPA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82-110 amino acids from the Central region of human CENPA.
Clone:	RB33757
Isotype:	Ig Fraction
Predicted Reactivity:	B, Ha
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CENPA
Alternative Name:	CENPA (CENPA Products)

Target Details

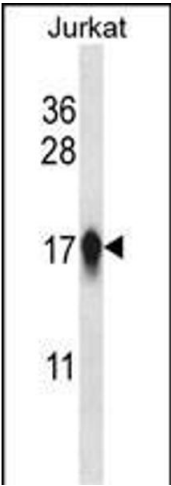
Background:	Centromeres are the differentiated chromosomal domains that specify the mitotic behavior of chromosomes. CENPA encodes a centromere protein which contains a histone H3 related histone fold domain that is required for targeting to the centromere. CENPA is proposed to be a component of a modified 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].
Molecular Weight:	15991
Gene ID:	1058
NCBI Accession:	NP_001035891 , NP_001800
UniProt:	P49450
Pathways:	Chromatin Binding , Maintenance of Protein Location

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	CENPA Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. CEN Antibody (Center) (ABIN657764 and ABIN2846742) western blot analysis in Jurkat cell line lysates (35 µg/lane). This demonstrates the CEN antibody detected the CEN protein (arrow).