

Product datasheet

Anti-CENPC antibody ab107068

1 Image

Overview

Product name	Anti-CENPC antibody
Description	Rabbit polyclonal to CENPC
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide conjugated to KLH, corresponding to internal sequence amino acids 448-475 of Human CENPC (NP_001803.2)
Positive control	Jurkat cell line lysates

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Purification notes	This antibody is purified through a protein A column, followed by peptide affinity purification.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab107068** in the following tested applications.

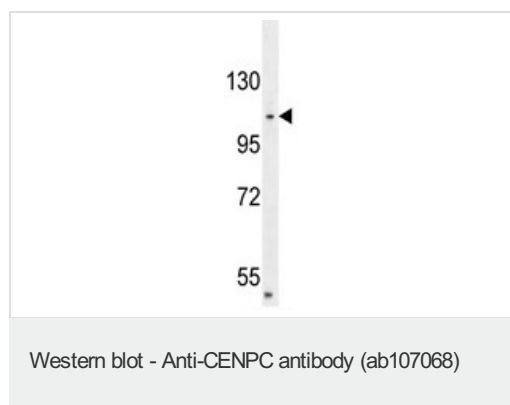
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 107 kDa.

Target

Function	Component of the CENPA-NAC (nucleosome-associated) complex, a complex that plays a central role in assembly of kinetochore proteins, mitotic progression and chromosome segregation. The CENPA-NAC complex recruits the CENPA-CAD (nucleosome distal) complex and may be involved in incorporation of newly synthesized CENPA into centromeres. CENPC recruits DNA methylation and DNMT3B to both centromeric and pericentromeric satellite repeats and regulates the histone code in these regions.
Sequence similarities	Belongs to the CENPC family.
Domain	The MIF2 homology domain II targets centromeres and binds the alpha satellite DNA in vivo. The MIF2 homology domain III can induce CENPC dimerization/oligomerization.
Cellular localization	Nucleus. Chromosome > centromere > kinetochore. Localizes exclusively in the kinetochore domain of centromeres.

Images



Anti-CENPC antibody (ab107068) at 1/100 dilution + Jurkat cell line lysates at 35 µg

Predicted band size: 107 kDa

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