

Anti-CENPC Rabbit Monoclonal Antibody
Catalog # ABO15337**Specification**

Anti-CENPC Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	Q03188
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-CENPC Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Anti-CENPC Rabbit Monoclonal Antibody - Additional Information

Gene ID 1060

Other Names

Centromere protein C, CENP-C, Centromere autoantigen C, Centromere protein C 1, CENP-C 1, Interphase centromere complex protein 7, CENPC, CENPC1, ICEN7

Calculated MW

107 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:100-1:500
ICC/IF 1:50-1:200
IP 1:50
FC 1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human CENPC

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-CENPC Rabbit Monoclonal Antibody - Protein Information

Name CENPC

Synonyms CENPC1, ICEN7**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.

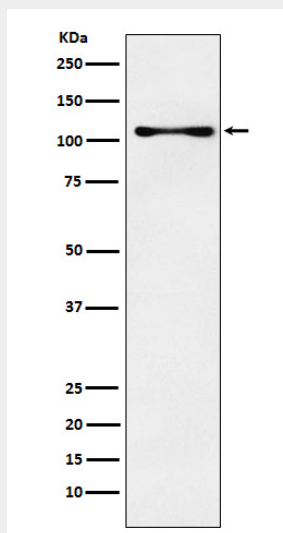
Cellular Location

Nucleus. Chromosome, centromere, kinetochore. Chromosome, centromere. Note=Localizes exclusively in the kinetochore domain of centromeres.

Anti-CENPC Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CENPC Rabbit Monoclonal Antibody - Images

Western blot analysis of CENPC expression in K562 cell lysate.