

CENPC Rabbit pAb

CatalogNo: YN0305

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 103kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 160-240

Specificity CENPC Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name CENPC1 CENPC ICEN7

Protein Name Centromere protein C 1 (CENP-C 1) (Centromere autoantigen C) (Interphase centromere complex protein 7)

Organism	Gene ID	UniProt ID
Human	1060 ;	Q03188 ;
Mouse		P49452 ;

Cellular Localization Nucleus . Chromosome, centromere, kinetochore . Chromosome, centromere . Localizes exclusively in the kinetochore domain of centromeres. .

Tissue specificity Blood,Epithelium,Placenta,Testis,

Function Disease:Antibodies against CENPC are present in sera from patients with autoimmune diseases that developed autoantibodies against centrosomal proteins.,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.,subcellular location:Localizes exclusively in the kinetochore domain of centromeres.,subunit:Component of the CENPA-NAC complex, at least composed of CENPA, CENPC, CENPH, CENPM, CENPN, CENPT and MLF1IP/CENPU. The CENPA-NAC complex interacts with the CENPA-CAD complex, composed of CENPI, CENPK, CENPL, CENPO, CENPP, CENPQ, CENPR and CENPS. Binds to DAXX.,

Validation Data

Contact information

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CENPC Rabbit pAb

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