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CENPC1 Rabbit pAb

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Catalog # AP56038

Product Information

Application	WB
Primary Accession	Q03188
Reactivity	Human
Predicted	Rat, Mouse, Rabbit, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	106834
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CENPC1
Epitope Specificity	701-800/943
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus. Chromosome, centromere, kinetochore. Note=Localizes exclusively in the kinetochore domain of centromeres.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Centromere protein C 1 is a centromere autoantigen and a component of the inner kinetochore plate. The protein is required for maintaining proper kinetochore size and a timely transition to anaphase. A putative pseudogene exists on chromosome 12.

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
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

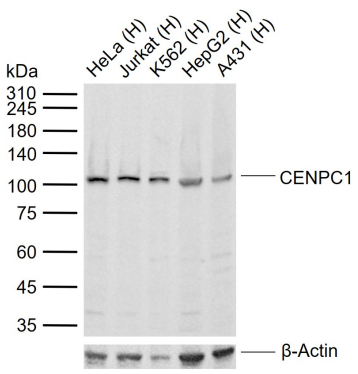
Name	CENPC

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.

Background

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Images



Sample:
Lane 1: Human HeLa cell lysates
Lane 2: Human Jurkat cell lysates
Lane 3: Human K562 cell lysates
Lane 4: Human HepG2 cell lysates
Lane 5: Human A431 cell lysates
Primary: Anti-CENPC1 (AP56038) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 107 kDa
Observed band size: 105 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.