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Datasheet for ABIN7112598 **anti-CENPN antibody**

Overview

Quantity:	100 µg
Target:	CENPN
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CENPN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	centromere protein N
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	CENPN
Alternative Name:	CENPN (CENPN Products)
Background:	Synonyms:C16orf60, ICEN32 Background: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

Target Details

synthesized CENPA into centromeres. CENPN is the first protein to bind specifically to CENPA nucleosomes and the direct binding of CENPA nucleosomes by CENPN is required for centromere assembly. Required for chromosome congression and efficiently align the chromosomes on a metaphase plate.

Molecular Weight: 40 kDa, 25-30 kDa

Gene ID: 55839

UniProt: [Q96H22](#)

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months