

## CENPH

**Reactivity:** Human

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 28kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human CENPH

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Catalog #:** A8372

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 64946

**Isotype:** IgG

**Swiss Prot:** Q9H3R5

**Purity:** Affinity purification

For research use only.

**Background:**

Centromere and kinetochore proteins play a critical role in centromere structure, kinetochore formation, and sister chromatid separation. The protein encoded by this gene colocalizes with inner kinetochore plate proteins CENP-A and CENP-C in both interphase and metaphase. It localizes outside of centromeric heterochromatin, where CENP-B is localized, and inside the kinetochore corona, where CENP-E is localized during prometaphase. It is thought that this protein can bind to itself, as well as to CENP-A, CENP-B or CENP-C. Multimers of the protein localize constitutively to the inner kinetochore plate and play an important role in the organization and function of the active centromere-kinetochore complex.

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