Datasheet for ABIN7601494

anti-CENPH antibody (AA 37-247)

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Overview

Quantity:	100 µg
Target:	CENPH
Binding Specificity:	AA 37-247
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CENPH antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-CENPH Antibody Picoband®
Immunogen:	E.coli-derived human CENPH recombinant protein (Position: E37-M247).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-CENPH Antibody Picoband® (ABIN7601494). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	CENPH
Alternative Name:	CENPH (CENPH Products)
Background:	Synonyms: ELAV-like protein 2, ELAV-like neuronal protein 1, Hu-antigen B, HuB, Nervous system-specific RNA-binding protein Hel-N1, ELAVL2, HUB Tissue Specificity: Brain, neural-specific. Background: Centromere protein H is a protein that in humans is encoded by the CENPH gene. 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.
Molecular Weight:	28 kDa
Gene ID:	64946
UniProt:	Q9H3R5

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Earnshaw, W. C. When is a centromere not a kinetochore? J. Cell Sci. 99: 1-4, 1991. 2. Gross, M. B. Personal Communication. Baltimore, Md. 4/4/2014. 3. Sugata, N., Li, S., Earnshaw, W. C., Yen, T. J., Yoda, K., Masumoto, H., Munekata, E., Warburton, P. E., Todokoro, K. Human CENP-H multimers colocalize with CENP-A and CENP-C at active centromere-kinetochore complexes. Hum. Molec. Genet. 9: 2919-2926, 2000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.