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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58266_P050-HRP
Product Page	www.avivasysbio.com/cenph-antibody-middle-region-hrp-arp58266-p050-hrp.html
Name	CENPH Antibody - middle region : HRP (ARP58266_P050-HRP)
Protein Size (# AA)	247 amino acids
Molecular Weight	27kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	64946
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Centromere protein H
Alias Symbols	NNF1, PMF1
Peptide Sequence	Synthetic peptide located within the following region: ESWDLFEKLLDIRKKRLQLKQASESKLLEIQTEKNKQKIDLDSMENSERI
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Liao, W.T., Clin. Cancer Res. 13 (2 PT 1), 508-514 (2007)
Description of Target	Centromere and kinetochore proteins play a critical role in centromere structure, kinetochore formation, and sister chromatid separation. CENPH 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	CENPH; CENPK; MTAP; NDC80; NUF2; SUGT1; UBC; VCP; CENPU; CENPN; CENPA; TRIM36; CENPP; CENPO; CENPI; ELAVL1; KIF2C; PMVK;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-CENPH (ARP58266_P050-HRP) antibody
Blocking Peptide	For anti-CENPH (ARP58266_P050-HRP) antibody is Catalog # AAP58266 (Previous Catalog # AAPP32865)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CENPH
Uniprot ID	Q9H3R5
Protein Name	Centromere protein H
Protein Accession #	NP_075060
Purification	Affinity Purified
Nucleotide Accession #	NM_022909

Gene Symbol	CENPH
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 79%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 86%; Rat: 93%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding sites at the tips of the arms.

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This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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