

Rabbit anti-Human CENPH Polyclonal Antibody | anti-CENPH antibody

CENPH Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285941	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

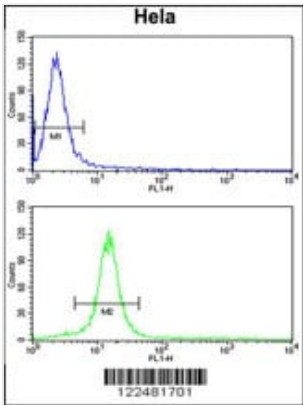
PRODUCT SYNONYMS

CENPH; Polyclonal Antibody; CENPH Antibody (Center); Centromere protein H; CENP-H; Interphase centromere complex protein 35; CENPH HGNC:17268; ICEN35; anti-CENPH antibody

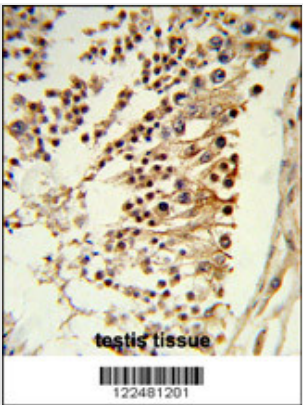
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CENPH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 136-162 amino acids from the Central region of human CENPH.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	136-162
Sequence Length	247
Applicable Applications for anti-CENPH antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

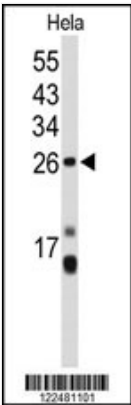
IMAGES



FCM/FACS (Flow Cytometry)
CENPH Antibody (Center) flow cytometry analysis of HeLa cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with CENPH Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CENPH Antibody (Center) in HeLa cell line lysates (35ug/lane). CENPH (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CENPH antibody	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.
Product Categories/Family for anti-CENPH antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	12597655
NCBI GeneID	64946
NCBI Accession #	NP_075060.1
NCBI GenBank Nucleotide #	NM_022909.3
UniProt Accession #	Q9H3R5; A8K3Y1

Molecular Weight	28481
NCBI Official Full Name	centromere protein H
NCBI Official Synonym Full Names	centromere protein H
NCBI Official Symbol	CENPH
NCBI Protein Information	centromere protein H
UniProt Protein Name	Centromere protein H
UniProt Gene Name	CENPH
UniProt Synonym Gene Names	CENP-H
UniProt Entry Name	CENPH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cenph-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285941>