

Datasheet for ABIN2787616
anti-CENPH antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CENPH
Binding Specificity:	N-Term
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CENPH antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CENPH
Sequence:	MEEQPQMQDA DEPADSGGEG RAGGPPQVAG AQAACSEDRM TLLRLRAQT
Predicted Reactivity:	Human: 100%, Pig: 86%
Characteristics:	This is a rabbit polyclonal antibody against CENPH. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CENPH
Alternative Name:	CENPH (CENPH Products)
Background:	Centromere and kinetochore proteins play a critical role in centromere structure, kinetochore

Target Details

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.

Alias Symbols: NNF1, PMF1

Protein Interaction Partner: CENPH, CENPK, MTAP, NDC80, NUF2, SUGT1, UBC, VCP, CENPU, CENPN, CENPA, TRIM36, CENPP, CENPO, CENPI, ELAVL1, KIF2C, PMVK,

Protein Size: 247

Molecular Weight: 27 kDa

Gene ID: 64946

NCBI Accession: [NM_022909](#), [NP_075060](#)

UniProt: [Q9H3R5](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 247 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

