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Datasheet for ABIN2787616 anti-CENPH antibody (N-Term)

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 TLLLRLRAQT
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

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	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

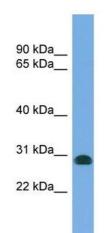
Handling

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

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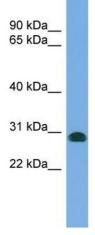
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-CENPH Antibody Titration: 0.2-1 ug/ml Positive Control: Human Spleen



Rabbit Anti-CENPH Antibody Catalog Number: ARP58265 Lot Number: QC24540 Lane: Fetal Spleen Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-CENPH Antibody Titration: 0.2-1 μg/mL Positive Control: Human Spleen