

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

CENPI Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323377	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

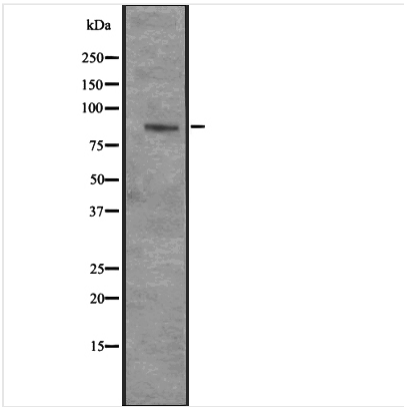
PRODUCT SYNONYMS

CENPI; Polyclonal Antibody; CENPI Antibody; CENP I; centromere protein I; Follicle stimulating hormone primary response protein; FSH primary response 1; FSH primary response protein 1; FSH primary response; rat; homolog of; 1; FSHP1; FSHPRH1; interphase centromere complex protein 19; Leucine rich primary response gene 1; Leucine rich primary response protein 1; LRPR1; Mis6; anti-CENPI antibody

PRODUCT SPECIFICATIONS

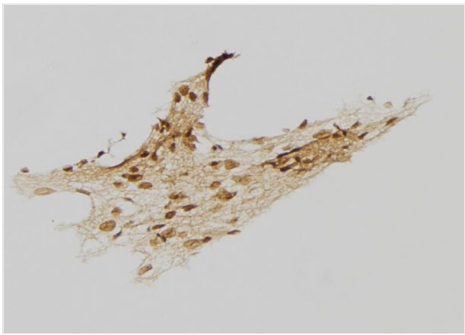
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CENPI antibody detects endogenous levels of total CENPI
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	522
Applicable Applications for anti-CENPI antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasmic and Nuclear
Tissue Specificity	By follicle-stimulating hormone (FSH).
Conjugation	Unconjugated

IMAGES



WB (Western Blot)

Western blot analysis of CENPI expression in HeLa cell lysate. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA323377 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CENPI antibody

Function: Component of the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation. May be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex. Required for the localization of CENPF, MAD1L1 and MAD2 (MAD2L1 or MAD2L2) to kinetochores. Involved in the response of gonadal tissues to follicle-stimulating hormone.

Subunit Structure: Component of the CENPA-CAD complex, composed of CENPI, CENPK, CENPL, CENPO, CENPP, CENPQ, CENPR and CENPS. The CENPA-CAD complex interacts with the CENPA-NAC complex, at least composed of CENPA, CENPC, CENPH, CENPM, CENPN, CENPT and CENPU. Interacts with SENP6.

Post-translational Modifications: Sumoylated. Sumoylated form can be polyubiquitinated by RNF4, leading to its degradation. Desumoylation by SENP6 prevents its degradation.

Similarity: Belongs to the CENP-I/CTF3 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	973353086
NCBI GeneID	2491
NCBI Accession #	NP_001305452.1
NCBI GenBank Nucleotide #	NM_001318523.1
UniProt Accession #	Q92674; Q5JWZ9; Q96ED0
Molecular Weight	Observed: 87 kDa Predicted: 87 kDa
NCBI Official Full Name	centromere protein I isoform 3
NCBI Official Synonym Full Names	centromere protein I
NCBI Official Symbol	CENPI
NCBI Official Synonym Symbols	LRPR1; CENP-I; FSHPRH1
NCBI Protein Information	centromere protein I
UniProt Protein Name	Centromere protein I
UniProt Gene Name	CENPI
UniProt Synonym Gene Names	FSHPRH1; ICEN19; LRPR1; CENP-I

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/cenpi-antibody-immunohistochemistry-western-blot-elisa/323377>