

Rabbit CENPU / MLF1IP Polyclonal Antibody | anti-CENPU antibody

Rabbit Polyclonal to Human CENPU / MLF1IP

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50754	Rabbit	Bovine, Chimpanzee, Dog, Human	ELISA, Immunoprecipitation, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

CENPU / MLF1IP; Polyclonal Antibody; Rabbit Polyclonal to Human CENPU / MLF1IP; Anti-CENPU / MLF1IP Antibody (phospho-Thr78) IHC-plus; CENPU; CENP-U; CENP50; CENPU50; Centromere protein U; ICEN24; KLIP1; Polo-box-interacting protein 1; MLF1-interacting protein; CENP-50; Centromere protein of 50 kDa; MLF1 interacting protein; MLF1IP; PBIP1; Human CENPU; anti-CENPU antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine, Chimpanzee, Dog, Human
Clonality	Polyclonal
Specificity	Amino acids surrounding Thr78 of human MLF1IP protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	418
Applicable Applications for anti-CENPU antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human MLF1IP / PBIP1.
Immunogen Type	Synthetic peptide
Immunogen	CENPU / MLF1IP antibody was raised against synthetic peptide from human MLF1IP / PBIP1.
Antigen Modification	pThr78
Preparation and Storage	Store vial at -20 degree C prior to opening. Dilute only prior to immediate use. For extended storage, aliquot contents and freeze at -20 degree C or below. Avoid cycles of freezing and thawing.

IMAGES



WB (Western Blot)

Anti-MLF1IP Antibody - Western Blot. Western blot of affinity purified anti-MLF1IP antibody shows detection of MLF1IP (arrowhead) in HeLa cells transfected with ZZ-tagged MLF1IP (Lane 1). Lane 2 is lysate from non-transfected HeLa cells, and Lane 3 is lysate from HeLa cells containing a knock-out mutation for PBIP1/MLF1IP. Personal Communication, Kyung S. Lee, CCR-NCI, Bethesda, MD.



IHC (Immunohistochemistry)

Anti-MLF1IP / PBIP1 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CENPU antibody	Myeloid leukemia factor-1 (MLF1) Interacting protein, also known as PBIP1, is a novel gene that encodes a putative transcriptional repressor. It is localized to human chromosome 4q35.1, is expressed in both the nuclei and cytoplasm of cells, and is a novel substrate for polo-like kinase (PLK1). Phosphorylation by PLK1 regulates the PLK1-MLF1 interaction and localization to the kinetochores promoting proper chromosome segregation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38016935
NCBI GeneID	79682
NCBI Accession #	NP_078905.2
NCBI GenBank Nucleotide #	NM_024629.3
UniProt Accession #	Q71F23; Q09GN2; Q32Q71; Q9H5G1; A2RRD9
Molecular Weight	38,102 Da
NCBI Official Full Name	centromere protein U
NCBI Official Synonym Full Names	centromere protein U
NCBI Official Symbol	CENPU
NCBI Official Synonym Symbols	KLIP1; PBIP1; CENP50; MLF1IP; CENPU50
NCBI Protein Information	centromere protein U; MLF1 interacting protein; MLF1-interacting protein; centromere protein of 50 kDa; polo-box-interacting protein 1; interphase centromere complex protein 24; KSHV latent nuclear antigen interacting protein 1; KSHV latent nuclear antigen-interacting protein 1
UniProt Protein Name	Centromere protein U
UniProt Gene Name	CENPU
UniProt Synonym Gene Names	ICEN24; KLIP1; MLF1IP; PBIP1; CENP-U; CENP-50
UniProt Entry Name	CENPU_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/cenpu-mlf1ip-antibody-immunoprecipitation-western-blot-immunohistochemistry-elisa/50754>