

Anti-CENPU / MLF1IP Antibody (N-Terminus)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17890

Product Information

Application	WB, IHC-P, E
Primary Accession	Q71F23
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	47522

Additional Information

Gene ID	79682
Alias Symbol	CENPU
Other Names	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
Target/Specificity	A BLAST analysis was used to suggest cross-reactivity with MLF1IP protein from human, chimpanzee (98%), horse (72%), bovine (69%), dog (65%), mouse (56%), rat (55%) and chicken (47%) sources based on homology with the immunizing sequence. Reactivity ...
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-CENPU / MLF1IP Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CENPU
Synonyms	ICEN24, KLIP1, MLF1IP, PBIP1
Function	Component of the CENPA-NAC (nucleosome-associated) complex, a complex that plays a central role in assembly of kinetochore proteins, mitotic progression and chromosome segregation. The CENPA-NAC complex recruits the CENPA-CAD (nucleosome distal) complex and may be involved in incorporation of newly synthesized CENPA into centromeres. Plays an important role in the correct PLK1 localization to the mitotic kinetochores. A scaffold protein responsible for the initial recruitment and maintenance of the kinetochore PLK1 population until its degradation. Involved in

transcriptional repression.

Cellular Location

Cytoplasm. Nucleus. Chromosome, centromere, kinetochore. Note=Localizes in the kinetochore domain of centromeres Colocalizes with PLK1 at the interzone between the inner and the outer kinetochore plates

Tissue Location

Expressed at high levels in the testis, fetal liver, thymus, bone marrow and at lower levels in the lymph nodes, placenta, colon and spleen. Present in all cell lines examined, including B-cells, T-cells, epithelial cells and fibroblast cells
Expressed at high levels in glioblastoma cell lines

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.