

Rabbit anti-Human CENP-F/Mitotin Polyclonal Antibody | anti-CENP-F antibody

Rabbit anti-CENP-F/Mitotin Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211555	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

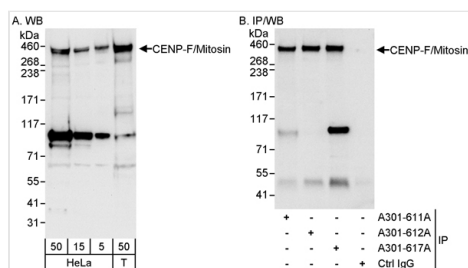
PRODUCT SYNONYMS

CENP-F/Mitotin; Polyclonal Antibody; Rabbit anti-CENP-F/Mitotin Antibody; Affinity Purified; CENP-F kinetochore protein; STROMS; PRO1779; mitotin; kinetochore protein CENPF; hcp-1; CILD31; centromere protein F; 350/400kDa; CENP-F; CENF; cell-cycle-dependent 350K nuclear protein; AH antigen; Centromere protein F; anti-CENP-F antibody

PRODUCT SPECIFICATIONS

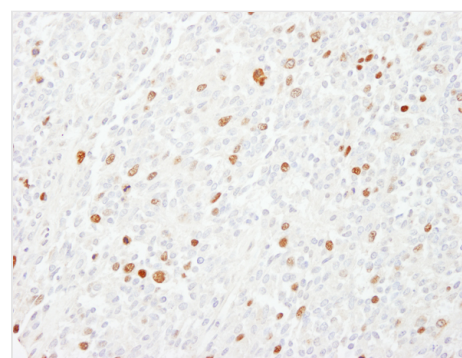
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-CENP-F antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 2275 and 2325
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CENP-F/Mitotin by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-CENP-F/Mitotin antibody AAA211555 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. CENP-F/Mitotin was also immunoprecipitated by rabbit anti-CENP-F/Mitotin antibodies and which recognize other epitopes. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).



IHC (Immunohistochemistry)

Detection of human CENP-F/Mitotin by immunohistochemistry. Sample: FFPE section of human ewing sarcoma. Antibody: Affinity purified rabbit anti-CENP-F/Mitotin (Cat. No. AAA211555) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CENP-F antibody	Centromere protein F (CENP-F) is a microtubule binding protein and component of the kinetochore. It is essential for kinetochore attachment, chromosome alignment, and the spindle checkpoint. CENP-F appears to be important to the association of the NudE-related proteins Nde1 and Nde1 to the Lis1/dynein motor complex and their role in kinetochore function. CENP-F is a farnesylated protein and the farnesylation of CENP-F appears to be central to its role in mediating kinetochore-microtubule interactions as well as its degradation after mitosis. Recently, CENP-F expression has been correlated with markers of poor outcome in breast cancer.
Product Categories/Family for anti-CENP-F antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	55770833
NCBI GeneID	1063
NCBI Accession #	NP_057427.3
NCBI GenBank Nucleotide #	NM_016343
UniProt Accession #	P49454; Q13171; Q13246; Q5VVM7
Molecular Weight	367,764 Da
NCBI Official Full Name	Homo sapiens centromere protein F, 350/400kDa (CENPF), mRNA
NCBI Official Synonym Full Names	centromere protein F, 350/400kDa
NCBI Official Symbol	CENPF
NCBI Official Synonym Symbols	CENF; hcp-1; PRO1779
NCBI Protein Information	centromere protein F; AH antigen; CENP-F kinetochore protein; cell-cycle-dependent 350K nuclear protein; centromere protein F, 350/400kDa (mitosin); centromere protein F, 350/400ka (mitosin); kinetochore protein CENPF
UniProt Protein Name	Centromere protein F
UniProt Gene Name	CENPF
UniProt Synonym Gene Names	CENP-F
UniProt Entry Name	CENPF_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cenp-f-mitosin-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211555>