

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

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211552	Rabbit	Human	Immunocytochemistry, Immunoprecipitation

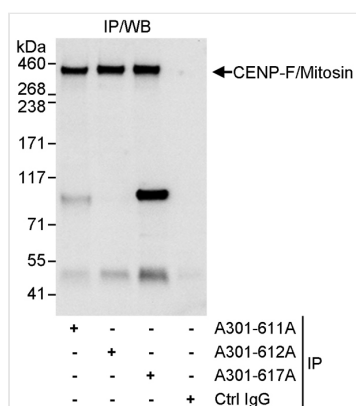
PRODUCT SYNONYMS

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

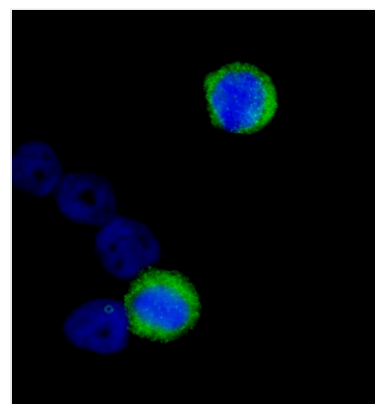
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CENP-F antibody	ICC (Immunocytochemistry), IP (Immunoprecipitation)
Immunogen	Between 1700 and 1750
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human CENP-F/Mitotin by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-CENP-F/Mitotin antibody AAA211552 used for IP at 3 ug/mg lysate. CENP-F/Mitotin was also immunoprecipitated by rabbit anti-CENP-F/Mitotin antibodies and which recognize downstream epitopes. For blotting immunoprecipitated CENP-F/Mitotin, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



ICC (Immunocytochemistry)

Detection of human CENP-F/Mitotin by immunocytochemistry. Samples: Acetone-fixed HeLa cells. Antibody: Affinity purified rabbit anti-CENP-F/Mitotin (Cat. No. AAA211552) used at a dilution of 1:1,000 (1ug/ml). Detection: Anti-rabbit IgG-FITC conjugated (Cat. No. used at a dilution of 1:100).

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cenp-f-mitosin-antibody-immunocytochemistry-immunoprecipitation-elisa/211552>