

Rabbit anti-Human CEP170 Polyclonal Antibody | anti-CEP170 antibody

Rabbit anti-CEP170 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211282	Rabbit	Human	Chromatin Immunoprecipitation, Immunoprecipitation, Immunocytochemistry, Immunoprecipitation, Western Blot

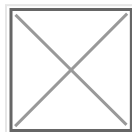
PRODUCT SYNONYMS

CEP170; Polyclonal Antibody; Rabbit anti-CEP170 Antibody; Affinity Purified; XRCC5 binding protein; KIAA0470; KARP-1-binding protein; KARP1-binding protein; FAM68A; Cep170; centrosomal protein 170kDa; centrosomal protein of 170 kDa; KAB; Centrosomal protein of 170 kDa; centrosomal protein 170; anti-CEP170 antibody

PRODUCT SPECIFICATIONS

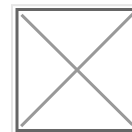
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-CEP170 antibody	ChIP (Chromatin immunoprecipitation), ICC (Immunocytochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1534 and C-terminus
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 CEP170 by western blot. Samples: Whole cell lysate (15 ug) from HEK293T, A-549, K-562, and HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CEP170 antibody AAA211282 (lot AAA211282-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human CEP170 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CEP170 antibody AAA211282 (lot AAA211282-2) used for IP at 6 ug per reaction. CEP170 was also immunoprecipitated by a previous lot of this antibody (lot AAA211282-1) and rabbit anti-CEP170 antibody BL4462. For blotting immunoprecipitated CEP170, AAA211282 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



ICC (Immunocytochemistry)

Detection of human CEP170 by immunocytochemistry. Sample: NBF-fixed asynchronous HeLa cells. Antibody: Affinity purified rabbit anti-CEP170 (Cat. No. AAA211282) used at a dilution of 1:200 (1 ug/ml). Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody used at a dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-CEP170 antibody	CEP170 (centrosomal protein 170 kDa) was identified as an interaction partner of polo-like kinase 1 (Plk1), a serine/threonine kinase involved in spindle formation and chromosome segregation. CEP170 is a forkhead-associated domain protein that localizes to the centrosomes and functions to maintain microtubule organization.
Product Categories/Family for anti-CEP170 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	9859
UniProt Accession #	Q5SW79
UniProt Protein Name	Centrosomal protein of 170 kDa
UniProt Gene Name	CEP170
UniProt Synonym Gene Names	FAM68A; KAB; KIAA0470; Cep170
UniProt Entry Name	CE170_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/cep170-antibody-chromatin-immunoprecipitation-immunocytochemistry-immunoprecipitation-western-blot-elisa/211282>