Rabbit CCP110 Polyclonal Antibody | anti-CCP110 antibody

CCP110 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40193	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

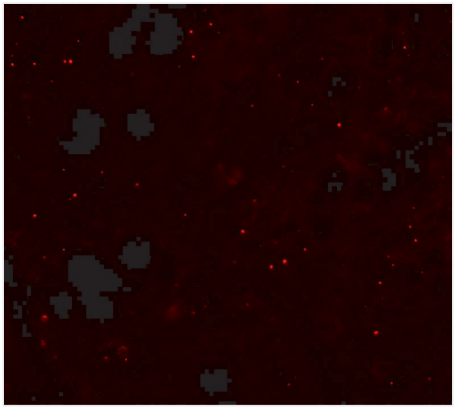
PRODUCT SYNONYMS

CCP110; Polyclonal Antibody; CCP110 Antibody; CP110; Cep110; CEP110; KIAA0419; Centriolar coiled-coil protein of 110 kDa; Centrosomal protein of 110 kDa; centriolar coiled coil protein 110kDa; anti-CCP110 antibody

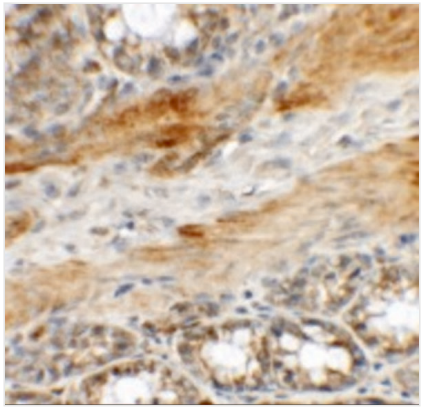
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Two isoforms of CCP110 are known to exist; this antibody will only detect the longer isoform
Purity/Purification	CCP110 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1012
Applicable Applications for anti-CCP110 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CCP110 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human CCP110.
Buffer	CCP110 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CCP110 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

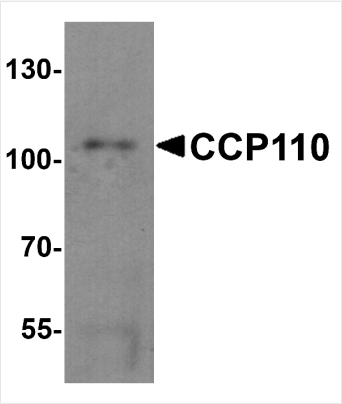
IMAGES



IF (Immunofluorescence)
Immunofluorescence of CCP110 in rat colon tissue with CCP110 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of CCP110 in rat colon tissue with CCP110 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of CCP110 in human colon tissue lysate with CCP110 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CCP110 antibody	CCP110 Antibody: CCP110 is a centrosomal protein required for the centrosome to function as a microtubule organizing center and plays an essential role in centrosome duplication. It is a target of cyclin-dependent kinases (CDKs); disruption of CCP110 phosphorylation leads to unscheduled centrosome separation and polyploidy. CCP110 is also a target of SCF (Cyclin F) ubiquitin ligase complex, leading to its degradation, suggesting that this complex controls centrosome homeostasis and mitotic fidelity through CCP110 degradation. The centriolar kinesin Kif24 also interacts with CP110 and remodel microtubules and regulate ciliogenesis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	312222737
NCBI GeneID	9738
NCBI Accession #	NP_001185951
NCBI GenBank Nucleotide #	NM_001199022.1
UniProt Accession #	O43303; O43335; Q68DV9; Q8NE13; B7WP23
Molecular Weight	111,224 Da
NCBI Official Full Name	centriolar coiled-coil protein of 110 kDa isoform 1
NCBI Official Synonym Full Names	centriolar coiled coil protein 110kDa
NCBI Official Symbol	CCP110

NCBI Official Synonym Symbols	CP110; Cep110
NCBI Protein Information	centriolar coiled-coil protein of 110 kDa; centrosomal protein CP110; centrosomal protein of 110 kDa
UniProt Protein Name	Centriolar coiled-coil protein of 110 kDa
UniProt Gene Name	**CCP110**
UniProt Synonym Gene Names	CEP110; CP110; KIAA0419; CP110; Cep110
UniProt Entry Name	CP110_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/ccp110-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40193