

CNTLN Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13167A**Specification**

CNTLN Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9NXG0
Other Accession	NP_001107867.1 , NP_060208.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	161571
Antigen Region	199-227

CNTLN Antibody (N-term) - Additional Information**Gene ID** 54875**Other Names**

Centlein, Centrosomal protein, CNTLN, C9orf101, C9orf39

Target/Specificity

This CNTLN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 199-227 amino acids from the N-terminal region of human CNTLN.

Dilution

WB~~1:1000

IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CNTLN Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CNTLN Antibody (N-term) - Protein Information**Name** CNTLN**Synonyms** C9orf101, C9orf39

Function Required for centrosome cohesion and recruitment of CEP68 to centrosomes.

Cellular Location

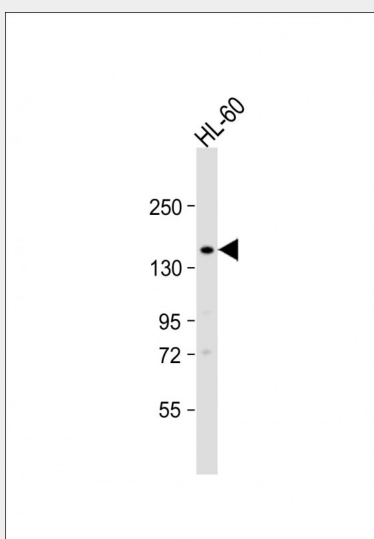
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole Note=Colocalizes with gamma-tubulin during interphase and mitosis Appears to associate with the mother centriole during G1 phase and with daughter centrioles towards G1/S phase (By similarity). Localizes to the proximal ends of the centrioles (PubMed:24554434). Levels are high at interphase centrosomes but are reduced on mitotic spindle poles (PubMed:24554434). {ECO:0000250|UniProtKB:A9ZSY0, ECO:0000269|PubMed:24554434}

CNTLN Antibody (N-term) - Protocols

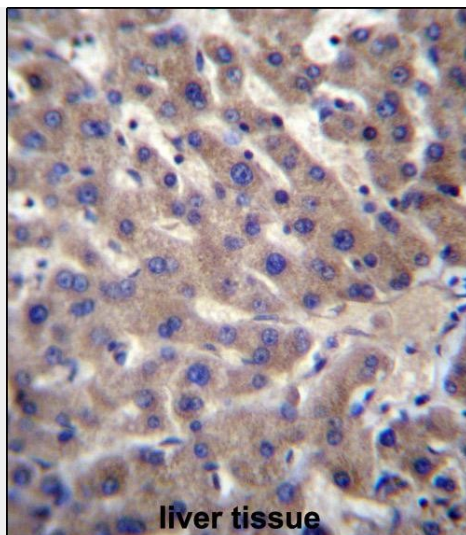
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CNTLN Antibody (N-term) - Images



Anti-CNTLN Antibody (N-term) at 1:1000 dilution + HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 162 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



CNTLN Antibody (N-term) (Cat. #AP13167a) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CNTLN Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

CNTLN Antibody (N-term) - Background

The specific function of this protein remains unknown.

CNTLN Antibody (N-term) - References

Bailey, S.D., et al. Diabetes Care (2010) In press :
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Song, H., et al. Nat. Genet. 41(9):996-1000(2009)
Makino, K., et al. Biochem. Biophys. Res. Commun. 366(4):958-962(2008)