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CCDC94 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15653

Product Information

Application	WB
Primary Accession	Q9BW85
Other Accession	NM_018074, NP_060544
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37086

Additional Information

Gene ID	55702
Other Names	Coiled-coil domain-containing protein 94, CCDC94
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CCDC94 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CCDC94 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

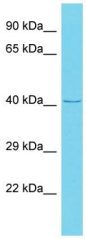
Protein Information

Name	YJU2 {ECO:0000255|HAMAP-Rule:MF_03226, ECO:0000312|HGNC:HGNC:25518}
Function	Part of the spliceosome which catalyzes two sequential transesterification reactions, first the excision of the non-coding intron from pre-mRNA and then the ligation of the coding exons to form the mature mRNA (PubMed:29301961). Plays a role in stabilizing the structure of the spliceosome catalytic core and docking of the branch helix into the active site, producing 5'-exon and lariat intron-3'- intermediates (By similarity). May protect cells from TP53-dependent apoptosis upon dsDNA break damage through association with PRP19-CD5L complex (PubMed:22952453).
Cellular Location	Nucleus {ECO:0000255|HAMAP-Rule:MF_03226, ECO:0000269|PubMed:29301961}

References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Barrow I.K.-P.,et al.Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.
Olsen J.V.,et al.Cell 127:635-648(2006).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).

Images



Host: Rabbit
Target Name: CCDC94
Sample Tissue: Hela Whole cell lysate
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Antibody Dilution: 1.0µg/mlCCDC94 is supported by BioGPS gene expression data to be expressed in HeLa