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CCDC94 Rabbit pAb

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Catalog # AP58861

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9BW85
Reactivity	Rat, Mouse
Predicted	Pig, Dog, Human, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37086
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CCDC94
Epitope Specificity	15-120/323
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	55702
Other Names	Splicing factor YJU2 {ECO:0000255|HAMAP-Rule:MF_03226}, Coiled-coil domain-containing protein 94, YJU2 {ECO:0000255|HAMAP-Rule:MF_03226, ECO:0000312|HGNC:HGNC:25518}
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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,

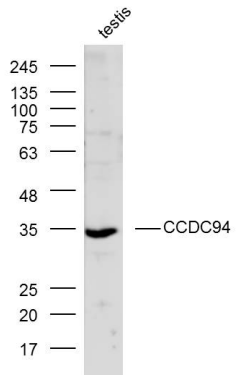
producing 5'-exon and lariat intron-3'- intermediates (By similarity). May protect cells from TP53-dependent apoptosis upon dsDNA break damage through association with PRP19-CD5L complex (PubMed:22952453).

Cellular Location Nucleus {ECO:0000255|HAMAP-Rule:MF_03226, ECO:0000269|PubMed:29301961}

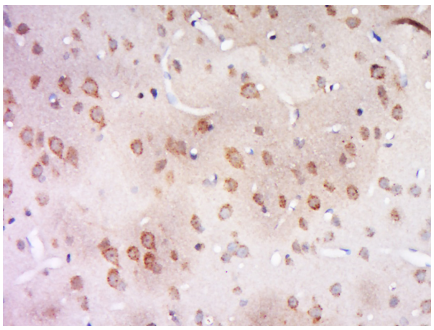
Background

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Images



Sample:
Testis (Mouse) Lysate at 40 ug
Primary: Anti- CCDC94 (AP58861) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 37 kD
Observed band size: 35 kD



Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-CCDC94 Polyclonal Antibody, Unconjugated(AP58861) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.