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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53621_P050-HRP
Product Page	www.avivasysbio.com/coil-antibody-c-terminal-region-hrp-arp53621-p050-hrp.html
Name	COIL Antibody - C-terminal region : HRP (ARP53621_P050-HRP)
Protein Size (# AA)	576 amino acids
Molecular Weight	63kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	8161
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Coilin
Alias Symbols	CLN80, p80-coilin
Peptide Sequence	Synthetic peptide located within the following region: DYSLLPLLAAPQVGEKIAFKLLELTSSYSPDVSDYKEGRILSHNPETQQ
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Whitton,A.A., Cell. Mol. Life Sci. 65 (7-8), 1256-1271 (2008)
Description of Target	COIL is an integral component of Cajal bodies (also called coiled bodies). Cajal bodies are nuclear suborganelles of varying number and composition that are involved in the post-transcriptional modification of small nuclear and small nucleolar RNAs. The N-terminus of the coilin protein directs its self-oligomerization while the C-terminus influences the number of nuclear bodies assembled per cell. Differential methylation and phosphorylation of coilin likely influences its localization among nuclear bodies and the composition and assembly of Cajal bodies. The protein encoded by this gene is an integral component of Cajal bodies (also called coiled bodies). Cajal bodies are nuclear suborganelles of varying number and composition that are involved in the post-transcriptional modification of small nuclear and small nucleolar RNAs. The N-terminus of the coilin protein directs its self-oligomerization while the C-terminus influences the number of nuclear bodies assembled per cell. Differential methylation and phosphorylation of coilin likely influences its localization among nuclear bodies and the composition and assembly of Cajal bodies. This gene has pseudogenes on chromosome 4 and chromosome 14. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	MFAP1; FGF12; BYSL; WDR34; ZCCHC10; ARMCX1; ZNF277; PDLIM5; CDC23; SNRPF; PTS; POLR2L; PDE4D; DRG1; WWOX; UBL5; CSNK2A2; UBC; VCP; TAF9; LACTB2; KYNU; SMN2; SMN1; GTF2F1; APP; UBD; PLEKHG4; KAZN; PSME3; FAM115A; SART3; PREPL; FXR2; PICK1; FHL5; DNAJA3; KA
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-COIL (ARP53621_P050-HRP) antibody
Blocking Peptide	For anti-COIL (ARP53621_P050-HRP) antibody is Catalog # AAP53621 (Previous Catalog # AAPP30461)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human COIL
Uniprot ID	P38432
Protein Name	Coilin
Protein Accession #	NP_004636
Purification	Affinity Purified
Nucleotide Accession #	NM_004645

Gene Symbol	COIL
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 92%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 92%; Rabbit: 92%; Rat: 92%; Zebrafish: 82%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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