

## Datasheet for ABIN631002 **anti-Coilin antibody (C-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	Coilin (COIL)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Coilin antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Coilin antibody was raised using the C terminal of COIL corresponding to a region with amino acids DYSLLPLLAAPQVGEKIAFKLLELTSSYSPDVSDYKEGRILSHNPETQQ
Specificity:	Coilin antibody was raised against the C terminal of COIL
Purification:	Affinity purified

#### Target Details

Target:	Coilin (COIL)
Alternative Name:	Coilin ( <a href="#">COIL Products</a> )
Background:	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

## Target Details

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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.

Molecular Weight: 63 kDa (MW of target protein)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

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Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: Coilin Blocking Peptide, catalog no. 33R-2247, is also available for use as a blocking control in assays to test for specificity of this Coilin antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of COIL antibody in PBS

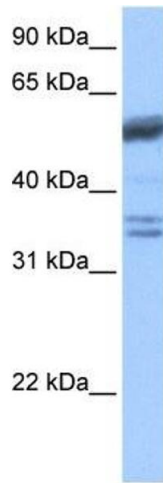
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** Coilin antibody used at 1 ug/ml to detect target protein.