

# Coilin Rabbit mAb

Catalog No.: A3483 **Recombinant**

## Basic Information

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**Observed MW**

80kDa

**Calculated MW**

63kDa

**Category**

Primary antibody

**Applications**

ELISA, WB

**Cross-Reactivity**

Human, Mouse

**CloneNo number**

ARC0785

## Recommended Dilutions

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**WB** 1:500 - 1:2000

## Background

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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.

## Immunogen Information

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**Gene ID**

8161

**Swiss Prot**

P38432

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Coilin (P38432).

**Synonyms**

CLN80; p80-coilin; Coilin

## Contact

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 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

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**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

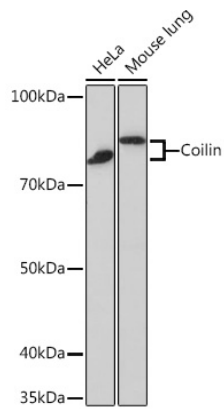
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using Coilin Rabbit mAb (A3483) at 1: 1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.