

Product datasheet

Anti-Coilin antibody [EPR7843(N)] - N-terminal ab177466

Recombinant RabMAb

[2 Images](#)

Overview

Product name	Anti-Coilin antibody [EPR7843(N)] - N-terminal
Description	Rabbit monoclonal [EPR7843(N)] to Coilin - N-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, Flow Cyt Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human Coilin aa 1-100 (N terminal). The exact sequence is proprietary. Database link: P38432
Positive control	Jurkat, HeLa, MCF7 and HepG2 cell lysates. Jurkat cells.
General notes	Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information. Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . This product is a recombinant rabbit monoclonal antibody .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol, 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR7843(N)
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab177466** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/5000. Predicted molecular weight: 63 kDa.
Flow Cyt		1/100 - 1/500. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

Application notes

Is unsuitable for ICC/IF, IHC-P or IP.

Target

Function

Is a component of the nuclear coiled bodies (CBS) which are involved in the function or assembly/disassembly of nucleoplasmic snRNPs. During mitosis, CBS disassemble, coinciding with a mitotic-specific phosphorylation of p80 coilin.

Tissue specificity

Found in all the cell types examined.

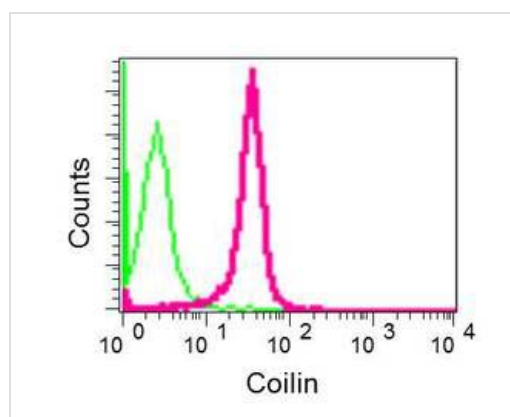
Sequence similarities

Belongs to the coilin family.

Cellular localization

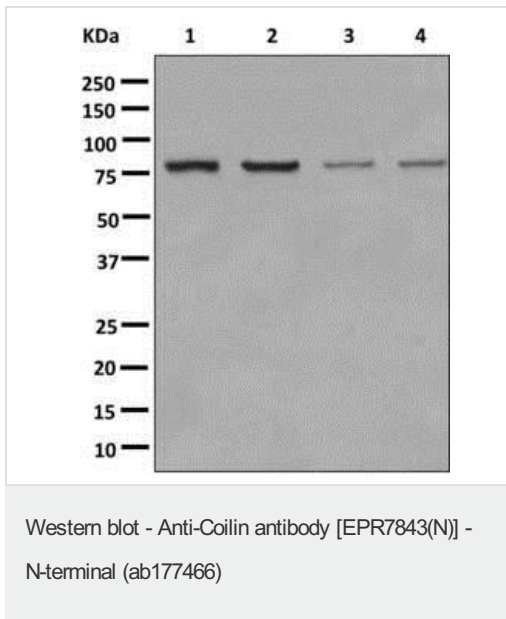
Nucleus. Nuclear coiled body located in the interchromatin space between the nucleolus and the nucleus.

Images



Flow cytometric analysis of permeabilized Jurkat cells labeling Coilin (red) with ab177466 at 1/100 dilution or a rabbit IgG (negative) (green).

Flow Cytometry - Anti-Coilin antibody [EPR7843(N)]
- N-terminal (ab177466)



All lanes : Anti-Coilin antibody [EPR7843(N)] - N-terminal (ab177466) at 1/1000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : MCF7 cell lysate

Lane 4 : HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat-anti-rabbit HRP at 1/2000 dilution

Developed using the ECL technique.

Predicted band size: 63 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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