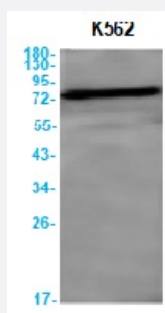


RecomAb™

COIL recombinant monoclonal antibody, clone R02-4B9

Catalog # RAB01497 Size 100 uL

Applications



Western Blot

Western blot analysis of Coilin in K562 lysates using human Coilin recombinant monoclonal antibody, clone R02-4B9 (Cat # RAB01497).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human Coilin.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human Coilin
Theoretical MW (kDa)	Calculated MW: 63 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Coilin in K562 lysates using human Coilin recombinant monoclonal antibody, clone R02-4B9 (Cat # RAB01497).

Gene Info — COIL

Entrez GeneID [8161](#)

Protein Accession# [P38432](#)

Gene Name COIL

Gene Alias CLN80, p80-coilin

Gene Description coilin

Omim ID [600272](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations coilin p80

Disease

- [Diabetes Mellitus](#)