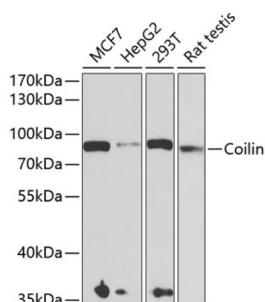


Coilin (COIL) Antibody

Catalogue No.: abx004921



Western blot analysis of various lysates using Coilin Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 90s.

COIL Antibody is a Rabbit Polyclonal antibody against COIL. 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.

Target: Coilin (COIL)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IP

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IP: 0.5 µg - 4 µg antibody per 200 µg - 400 µg extracts of whole cells. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 297-576 of human Coilin.

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P38432 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 4.0.0

Revision date: 28 May 2025



Gene Symbol: COIL

GeneID: [8161](#)

NCBI Accession: NP_004636.1

KEGG: hsa:8161

String: [9606.ENSP00000240316](#)

Molecular Weight: Calculated MW: 63 kDa
Observed MW: 80 kDa

Buffer: PBS, pH 7.3, containing 0.09% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only