

# Goat Anti-Coilin Antibody (internal region)

Purified Goat Polyclonal Antibody Catalog # AF4269a

### **Specification**

### Goat Anti-Coilin Antibody (internal region) - Product Information

Application WB

Primary Accession P38432

Other Accession <u>50998(rat)</u>, <u>NP\_004636.1</u>

Reactivity Human

Predicted Human, Rat, Cow

Host Goat Clonality Polyclonal

Concentration 0.5
Calculated MW 62608

## Goat Anti-Coilin Antibody (internal region) - Additional Information

### **Gene ID 8161**

### **Other Names**

COIL; coilin; CLN80; p80-coilin; coilin p80; p80

## **Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

## **Immunogen**

Peptide with sequence RLVRDNDCLRVKLE, from the internal region of the protein sequence according to NP 004636.1.

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Precautions**

Goat Anti-Coilin Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

### Goat Anti-Coilin Antibody (internal region) - Protein Information

### Name COIL

Synonyms CLN80

### **Function**

Component of nuclear coiled bodies, also known as Cajal bodies or CBs, which are involved in the



modification and assembly of nucleoplasmic snRNPs.

**Cellular Location**Nucleus. Nucleus, Caial body

**Tissue Location** 

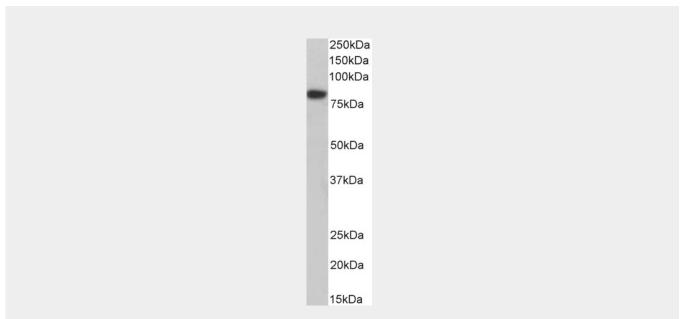
Found in all the cell types examined.

## Goat Anti-Coilin Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## Goat Anti-Coilin Antibody (internal region) - Images



AF4269a (1  $\mu$ g/ml) staining of MCF7 nuclear lysate (35  $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Goat Anti-Coilin Antibody (internal region) - References

Cajal-body formation correlates with differential coilin phosphorylation in primary and transformed cell lines. Hearst SM, Gilder AS, Negi SS, Davis MD, George EM, Whittom AA, Toyota CG, Husedzinovic A, Gruss OJ, Hebert MD. J Cell Sci. 2009 Jun 1;122(Pt 11):1872-81.