

## Rabbit anti-Human Coilin Polyclonal Antibody | anti-COIL antibody

Rabbit anti-Coilin Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                            |
|-----------|--------|------------|---------------------------------------------------------|
| AAA212278 | Rabbit | Human      | Immunohistochemistry, Immunoprecipitation, Western Blot |

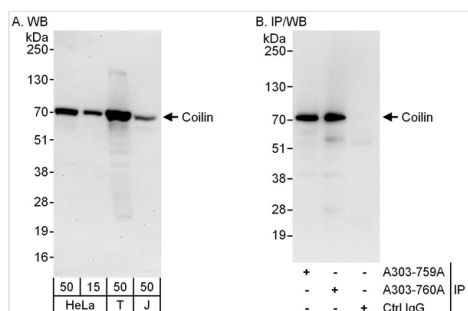
### PRODUCT SYNONYMS

Coilin; Polyclonal Antibody; Rabbit anti-Coilin Antibody; Affinity Purified; p80; p80-coilin; CLN80; coilin; coilin p80; anti-COIL antibody

### PRODUCT SPECIFICATIONS

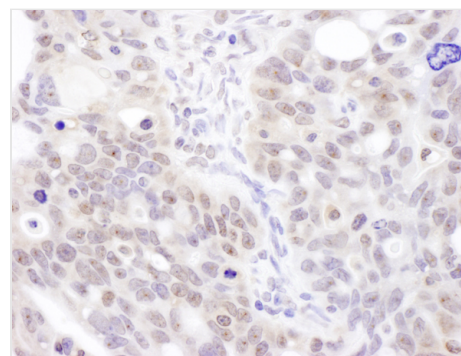
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human                                                                                     |
| Clonality                                      | Polyclonal                                                                                |
| Purity/Purification                            | Antigen Affinity Purified                                                                 |
| Form/Format                                    | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                  | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-COIL antibody | IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)                   |
| Immunogen                                      | Between 526 and C-terminus                                                                |
| Conjugation                                    | Unconjugated                                                                              |
| Preparation and Storage                        | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### WB (Western Blot)

Detection of human Coilin by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-Coilin antibody AAA212278 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. Coilin was also immunoprecipitated by rabbit anti-Coilin antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



#### IHC (Immunohistochemistry)

Detection of human Coilin by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-Coilin (Cat. No. AAA212278 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-COIL antibody | Coilin 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 [taken from the Universal Protein Resource (UniProt) <a href="http://www.uniprot.org/uniprot/Q6PJP8">www.uniprot.org/uniprot/Q6PJP8</a> ]. |
| Product Categories/Family for anti-COIL antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | <a href="#">57863302</a>                        |
| NCBI GeneID                      | <a href="#">8161</a>                            |
| NCBI Accession #                 | <a href="#">NP_004636.1</a>                     |
| NCBI GenBank Nucleotide #        | <a href="#">NM_004645</a>                       |
| UniProt Accession #              | <a href="#">P38432</a> ; <a href="#">B2R931</a> |
| Molecular Weight                 | 62,608 Da                                       |
| NCBI Official Full Name          | Homo sapiens coilin (COIL), mRNA                |
| NCBI Official Synonym Full Names | coilin                                          |
| NCBI Official Symbol             | COIL                                            |
| NCBI Official Synonym Symbols    | CLN80; p80-coilin                               |
| NCBI Protein Information         | coilin; coilin p80                              |
| UniProt Protein Name             | Coilin                                          |
| UniProt Gene Name                | <b>COIL</b>                                     |
| UniProt Synonym Gene Names       | CLN80                                           |
| UniProt Entry Name               | COIL_HUMAN                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/coilin-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212278>