

## Rabbit anti-Human POLR1D Polyclonal Antibody | anti-POLR1D antibody

POLR1D Polyclonal Antibody

|                               |                       |                            |                                                         |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA280598</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------------------|

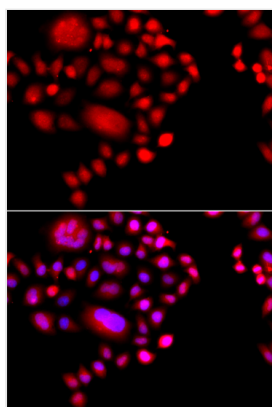
### PRODUCT SYNONYMS

POLR1D; Polyclonal Antibody; POLR1D Polyclonal Antibody; anti-POLR1D antibody

### PRODUCT SPECIFICATIONS

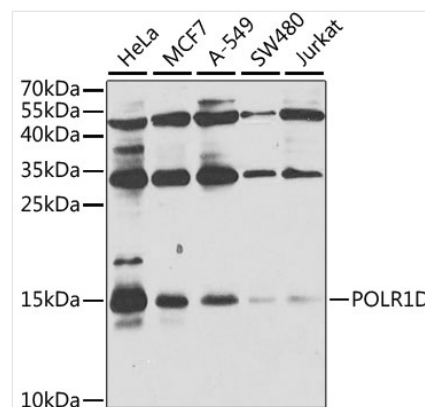
|                                                  |                                                                                                                 |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                          |
| Reactivity                                       | Human                                                                                                           |
| Clonality                                        | Polyclonal                                                                                                      |
| Isotype                                          | IgG                                                                                                             |
| Purity/Purification                              | Affinity Purification                                                                                           |
| Sequence Length                                  | 94                                                                                                              |
| Applicable Applications for anti-POLR1D antibody | IF (Immunofluorescence), WB (Western Blot)                                                                      |
| Immunogen                                        | Recombinant Protein                                                                                             |
| Immunogen                                        | Recombinant protein of human POLR1D                                                                             |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using POLR1D antibody. Blue: DAPI for nuclear staining.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using POLR1D antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 40s.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-POLR1D antibody | The protein encoded by this gene is a component of the RNA polymerase I and RNA polymerase III complexes, which function in the synthesis of ribosomal RNA precursors and small RNAs, respectively. Mutations in this gene are a cause of Treacher Collins syndrome (TCS), a craniofacial development disorder. Alternative splicing results in multiple transcript variants. |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 330864729                                                      |
| NCBI GeneID                      | 51082                                                          |
| NCBI Accession #                 | NP_001193488.1                                                 |
| NCBI GenBank Nucleotide #        | NM_001206559.1                                                 |
| UniProt Accession #              | Q9Y2S0; Q5TBX2; Q96BR3                                         |
| Molecular Weight                 | 15kDa                                                          |
| NCBI Official Full Name          | DNA-directed RNA polymerases I and III subunit RPAC2 isoform 3 |
| NCBI Official Synonym Full Names | polymerase (RNA) I polypeptide D, 16kDa                        |
| NCBI Official Symbol             | POLR1D                                                         |
| NCBI Official Synonym Symbols    | AC19; RPA9; TCS2; RPA16; RPAC2; RPC16; POLR1C; RPO1-3          |
| NCBI Protein Information         | DNA-directed RNA polymerases I and III subunit RPAC2           |
| UniProt Protein Name             | DNA-directed RNA polymerases I and III subunit RPAC2           |
| UniProt Gene Name                | POLR1D                                                         |
| UniProt Synonym Gene Names       | RNA polymerases I and III subunit AC2; RPA16                   |
| UniProt Entry Name               | RPAC2_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://www.aaabiotech.com/polyclonal/polr1d-antibody-immunofluorescence-western-blot-elisa/280598>