

## Rabbit Rpb1 CTD Polyclonal Antibody | anti-Rpb1 antibody

Anti-Rpb1 CTD (pS1619) Antibody

| CATALOG # | HOST   | REACTIVITY                               | APPLICATIONS                                           |
|-----------|--------|------------------------------------------|--------------------------------------------------------|
| AAA292496 | Rabbit | Human, Mouse, Rat, Zebrafish, Drosophila | Immunohistochemistry, Immunofluorescence, Western Blot |

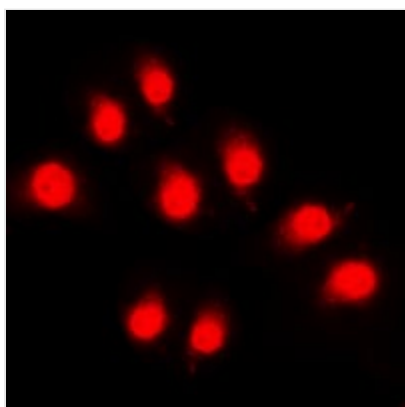
### PRODUCT SYNONYMS

Rpb1 CTD; Polyclonal Antibody; Anti-Rpb1 CTD (pS1619) Antibody; POLR2; DNA-directed RNA polymerase II subunit RPB1; RNA polymerase II subunit B1; DNA-directed RNA polymerase II subunit A; DNA-directed RNA polymerase III largest subunit; RNA-directed RNA polymerase II subunit RPB1; anti-Rpb1 antibody

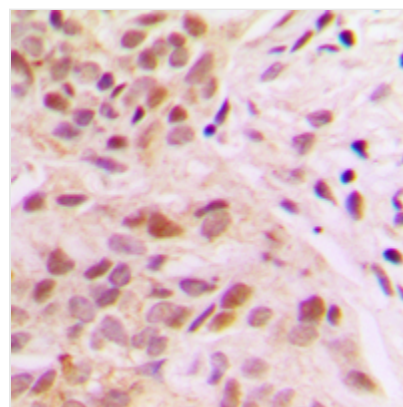
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat, Zebrafish, Drosophila                                                                                                              |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-Rpb1 antibody | IHC (Immunohistochemistry), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                                                          |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

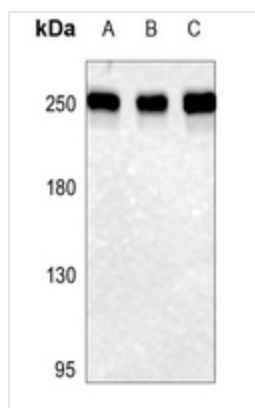
### IMAGES


**IF (Immunofluorescence)**

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)


**IHC (Immunohistochemistry)**

Dilution: WB: (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) Immunohistochemical analysis of Rpb1 CTD (pS1619) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) Western blot analysis of Rpb1 CTD (pS1619) expression in A549 (A), U2OS (B), H1688 (C) whole cell lysates.

## ADDITIONAL INFORMATION

### Related Product Information for anti-Rpb1 antibody

Rabbit polyclonal antibody to Rpb1 CTD (pS1619)  
KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Rpb1 CTD (pS1619). The exact sequence is proprietary.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">4505939</a>                                                                                                                                                                                                                                         |
| NCBI GeneID                      | <a href="#">5430</a>                                                                                                                                                                                                                                            |
| NCBI Accession #                 | <a href="#">NP_000928.1</a>                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000937.4</a>                                                                                                                                                                                                                                     |
| UniProt Accession #              | <a href="#">P24928</a> ; <a href="#">A6NN93</a> ; <a href="#">B9EH88</a>                                                                                                                                                                                        |
| Molecular Weight                 | 217,176 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | DNA-directed RNA polymerase II subunit RPB1                                                                                                                                                                                                                     |
| NCBI Official Synonym Full Names | polymerase (RNA) II (DNA directed) polypeptide A, 220kDa                                                                                                                                                                                                        |
| NCBI Official Symbol             | POLR2A                                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | RPB1; RPO2; POLR2; POLRA; RPBh1; RPOL2; RplILS; hsRPB1; hRPB220                                                                                                                                                                                                 |
| NCBI Protein Information         | DNA-directed RNA polymerase II subunit RPB1; RNA polymerase II subunit B1; DNA-directed RNA polymerase II subunit A; RNA-directed RNA polymerase II subunit RPB1; DNA-directed RNA polymerase III largest subunit; DNA-directed RNA polymerase II largest subun |
| UniProt Protein Name             | DNA-directed RNA polymerase II subunit RPB1                                                                                                                                                                                                                     |
| UniProt Gene Name                | <b>POLR2A</b>                                                                                                                                                                                                                                                   |
| UniProt Synonym Gene Names       | POLR2; RNA polymerase II subunit B1                                                                                                                                                                                                                             |
| UniProt Entry Name               | RPB1_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/rpb1-ctd-antibody-immunohistochemistry-immunochemistry-immunofluorescence-western-blot-elisa/292496>