

## Rabbit CCNA1 / Cyclin A1 Polyclonal Antibody | anti-CCNA1 antibody

Rabbit Polyclonal (IgG) to Human CCNA1 / Cyclin A1

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA51426  | Rabbit | Human, Mouse, Rat | ELISA, Western Blot, Immunohistochemistry |

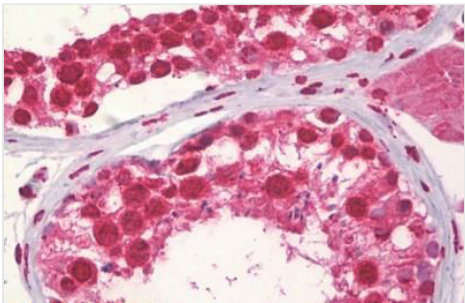
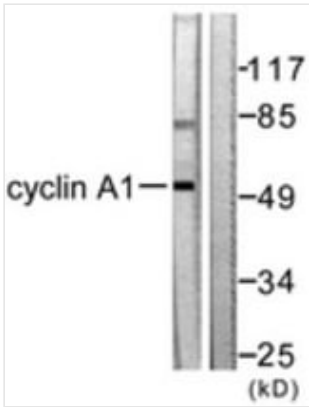
### PRODUCT SYNONYMS

CCNA1 / Cyclin A1; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human CCNA1 / Cyclin A1; Anti-CCNA1 / Cyclin A1 Antibody (aa411-460) IHC-plus; CCNA1; Cyclin-A1; Cyclin A1; Human CCNA1; anti-CCNA1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                      |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                               |
| Reactivity                                      | Human, Mouse, Rat                                                                                                    |
| Clonality                                       | Polyclonal                                                                                                           |
| Isotype                                         | IgG                                                                                                                  |
| Specificity                                     | Cyclin A1 Antibody detects endogenous levels of total Cyclin A1 protein.                                             |
| Purity/Purification                             | Immunoaffinity Purified                                                                                              |
| Form/Format                                     | PBS (without Mg <sup>2+</sup> , Ca <sup>2+</sup> ), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol |
| Concentration                                   | 1 mg/ml (varies by lot)                                                                                              |
| Sequence Length                                 | 465                                                                                                                  |
| Applicable Applications for anti-CCNA1 antibody | ELISA, WB (Western Blot), IHC (Immunohistochemistry)                                                                 |
| Target Species                                  | Human                                                                                                                |
| Immunogen Description                           | Synthetic peptide from human Cyclin A1 (aa411-460).                                                                  |
| Immunogen                                       | CCNA1 / Cyclin A1 antibody was raised against synthetic peptide from human Cyclin A1 (aa411-460).                    |
| Antigen Modification                            | aa411-460                                                                                                            |
| Preparation and Storage                         | Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.                        |

IMAGES



**IHC (Immunohistochemistry)**  
Anti-CCNA1 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

**WB (Western Blot)**  
Western blot of extracts from SKOV3 cells, using Cyclin A1 Antibody. The lane on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-CCNA1 antibody</b> | The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 4502611                                |
| NCBI GeneID                      | 8900                                   |
| NCBI Accession #                 | NP_003905.1                            |
| NCBI GenBank Nucleotide #        | NM_003914.3                            |
| UniProt Accession #              | P78396; Q5T3V0; Q5U0G2; Q8IY91; B7Z7E3 |
| Molecular Weight                 | 47,494 Da                              |
| NCBI Official Full Name          | cyclin-A1 isoform a                    |
| NCBI Official Synonym Full Names | cyclin A1                              |
| NCBI Official Symbol             | CCNA1                                  |
| NCBI Official Synonym Symbols    | CT146                                  |
| NCBI Protein Information         | cyclin-A1                              |
| UniProt Protein Name             | Cyclin-A1                              |
| UniProt Gene Name                | CCNA1                                  |
| UniProt Entry Name               | CCNA1_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.