

# Product Datasheet

## Cyclin A1 Antibody **NBP1-02902**

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-02902**

Cyclin A1 Antibody

**Product Information**

<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	80 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Delipidation and Defibrination
<b>Buffer</b>	Delipidated and defibrinated serum

**Product Description**

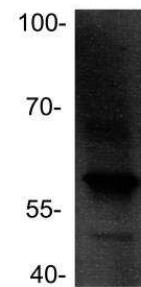
<b>Host</b>	Rabbit
<b>Gene ID</b>	8900
<b>Gene Symbol</b>	CCNA1
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Antiserum will specifically react with a 60 kDa Cyclin A11 protein from human, rat and mouse tissue. No reaction was observed against other related cyclins. Cross reactivity with Cyclin A11 from other species may also occur.
<b>Immunogen</b>	Full length recombinant protein

**Product Application Details**

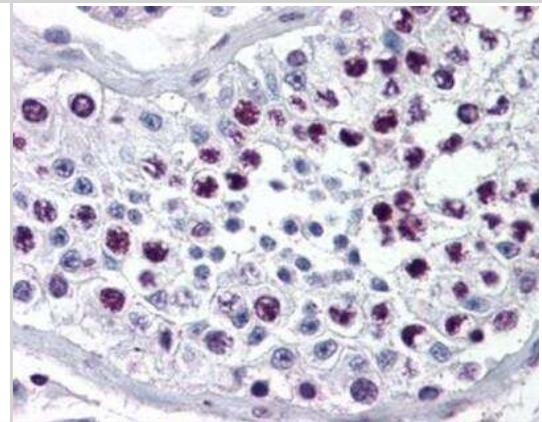
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:5000, ELISA 1:5000-1:20000, Immunohistochemistry 1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunoprecipitation 1:100, Immunohistochemistry-Paraffin 1:500
<b>Application Notes</b>	IHC: NBP1-02902 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity.

## Images

Western Blot: Cyclin A1 Antibody [NBP1-02902] - Cyclin A1 western with U2OS cells. Image from verified customer review.



Immunohistochemistry-Paraffin: Cyclin A1 Antibody [NBP1-02902] - Human testis after heat-induced antigen retrieval. Antibody dilution 1:500.



## Publications

Ochsenreither S, Majeti R, Schmitt T et al. Cyclin-A1 represents a new immunogenic targetable antigen expressed in acute myeloid leukemia stem cells with characteristics of a cancer-testis antigen Blood 2012-06-07 [PMID: 22529286]



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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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