

Anti-Cyclin A CCNA2 Antibody

Catalog Number: A00700

About CCNA2

Anti-Cyclin A detects Cyclin A. Cyclin A is a member of the cyclin family. Cyclin A binds to S phase Cdk2 and is required for the cell to progress through the S phase. Cyclin A/ Cdk2 is inhibited by the complex p21CIP. Anti-Cyclin A Antibody is ideal for investigators involved in Cell Signaling, cell biology and Signal Transduction research.

Overview

Product Name	Anti-Cyclin A CCNA2 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Cyclin A CCNA2 Antibody (Catalog # A00700). Tested in IHC, WB applications. This antibody reacts with Human.
Application	ELISA, IP, IHC, WB
Clonality	Polyclonal
Formulation	0.01% (w/v) Sodium Azide
Storage Instructions	Store vial at -20°C prior to opening. Aliquot contents and freeze at -20°C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is one (1) year from date of opening. (Ship on dry ice.)
Host	Rabbit
Uniprot ID	P20248

Technical Details

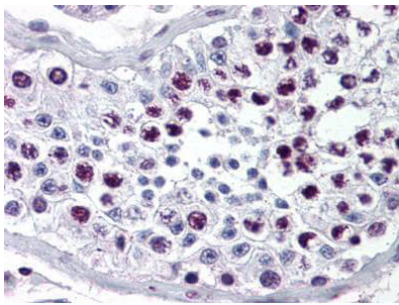
Immunogen	Anti-Cyclin-A Antibody was produced by repeated immunizations with a recombinant protein corresponding to the human cyclin A.
Predicted Reactive Species	Bovine, Canine, Equine, Guinea Pig, Rabbit
Cross Reactivity	No cross reactivity with other proteins.
Isotype	Antiserum
Form	Liquid (sterile filtered)
Concentration	80 mg/mL by Refractometry
Purification	Anti-Cyclin A was prepared from monospecific antiserum by delipidation and defibrination.

	<p>Antiserum will specifically react with a 60 kDa Cyclin A protein from human, rat and mouse tissue. No reaction was observed against other related cyclins. Cross-reactivity with Cyclin A from other species may also occur.</p>
<p>Suggested Dilutions</p>	<p>ELISA: 1:5,000 - 1:20,000 IHC: 1:100 IP: 1:100 WB: 1:500 - 1:5,000</p> <p>Anti-Cyclin-A antibody has been tested by western blot and immunohistochemistry and is suitable for the detection by immunoblot, ELISA, IHC, and IP of human, rat and mouse Cyclin A. Researchers should determine optimal titers for applications that are not stated below.</p>

Anti-Cyclin A CCNA2 Antibody (A00700) Images



Western Blot of Rabbit anti-Cyclin A antibody shows no difference detected between cell lines. Lane 1: T98G cells treated with normal (n). Lane 2: T98G cells treated with scrambled (scr). Lane 3: T98G cells treated with PIN1 knockdown (kd1). Load: 25 µg per lane. Primary antibody: Cyclin A antibody at 1:400 for overnight at 4°C. Secondary antibody: IRDye800™ rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 60kDa for Cyclin A.



Immunohistochemistry of Rabbit Anti-Cyclin A antibody. Tissue: human testes tissue. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Cyclin A antibody at 1:500 for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: Cyclin A is nuclear and cytoplasmic. Staining: Cyclin A as precipitated red signal with hematoxylin purple nuclear counterstain.

3 Publications Citing This Product

1. PubMed ID: 10.1016/j.mce.2019.110697, LncRNA HCP5 promotes cell proliferation and inhibits apoptosis via miR-27a-3p/IGF-1 axis in human granulosa-like tumor cell line KGN
2. PubMed ID: 31974617, Wang S,Zhang C,Zhang X.Downregulation of long non-coding RNA ANRIL promotes proliferation and migration in hypoxic human pulmonary artery smooth muscle cells.Mol Med Rep.2020 Feb;21(2):589-596.doi:10.3892/mmr.2019.10887.Epub 2019 Dec 17.PMID:31974617; PMC
3. PubMed ID: 25918708, Wang C, Ge Q, Chen Z, Hu J, Li F, Song X, Xu H, Ye Z. Biomed Res Int. 2015;2015:304753. Doi: 10.1155/2015/304753. Epub 2015 Mar 30. A New Double Stranded Rna Suppresses Bladder Cancer Development By Upregulating P21 (Waf1/Cip1) Expression.

Visit bosterbio.com/anti-cyclin-a-antibody-a00700-boster.html to see all 3 publications.

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