

## Anti-Cyclin A1 Antibody

Catalog Number: A03889-2

### About CCNA1

Transcriptional repressor which binds neuron-restrictive silencer element (NRSE) and represses neuronal gene transcription in non-neuronal cells. Restricts the expression of neuronal genes by associating with two distinct corepressors, mSin3 and CoREST, which in turn recruit histone deacetylase to the promoters of REST-regulated genes. Mediates repression by recruiting the BHC complex at RE1/NRSE sites which acts by deacetylating and demethylating specific sites on histones, thereby acting as a chromatin modifier.

Chong J.A.et.al. (1995)Cell 80:949-957

Schoenherr C.J.et.al.(1995)Science 267:1360-1363

Scholl T.et.al.(1996)J. Immunol. 156:1448-1457

Lunyak V.V.et.al. (2002)Science 298:1747-1752

### Overview

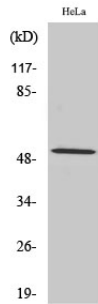
Product Name	Anti-Cyclin A1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Cyclin A1 Antibody catalog # A03889-2. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P78396

### Technical Details

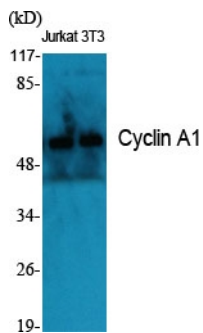
Immunogen	Synthesized peptide derived from the C-terminal region of human Cyclin A1. at AA range: 380-460
Predicted Reactive Species	Bovine, Canine, Equine, Goat, Guinea Pig, Rabbit
Isotype	IgG
Form	Liquid
Concentration	This antibody's concentration is >0.5mg/ml.

Purification	Immunogen affinity purified
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB, 1:500-1:2000</p>

## Anti-Cyclin A1 Antibody (A03889-2) Images



Western Blot (WB) analysis of HeLa cells using Cyclin A1 Polyclonal antibody.



Western Blot (WB) analysis of specific cells using Cyclin A1 Polyclonal antibody.

## 3 Publications Citing This Product

1. PubMed ID: -, Chaowei Hu, Kun Zuo, Kuibao Li, Yuanfeng Gao, Mulei Chen, Roumu Hu, Ye Liu, Hongjie Chi, Hongjiang Wang, Yanwen Qin, Xiaoyan Liu, Jiuchang Zhong, Jun Cai, Xinchun Yang, Jing Li, "p38/JNK Is Required for the Proliferation and Phenotype Changes of Vascular Smooth Muscle
2. PubMed ID: 26991461, Autocrine fibronectin from differentiating mesenchymal stem cells induces the neurite elongation in vitro and promotes nerve fiber regeneration in transected spinal cord injury
3. PubMed ID: 26837415, Overexpression of miR-30a in lung adenocarcinoma A549 cell line inhibits migration and invasion via targeting EYA2

Visit [bosterbio.com/anti-cyclin-a1-antibody-a03889-2-boster.html](https://bosterbio.com/anti-cyclin-a1-antibody-a03889-2-boster.html) to see all 3 publications.

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