

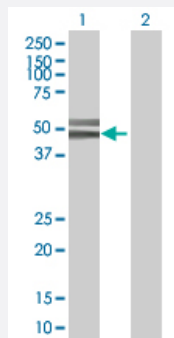
MaxPab®

CCNA2 MaxPab mouse polyclonal antibody (B01)

Catalog # H00000890-B01

Size 50 uL

Applications

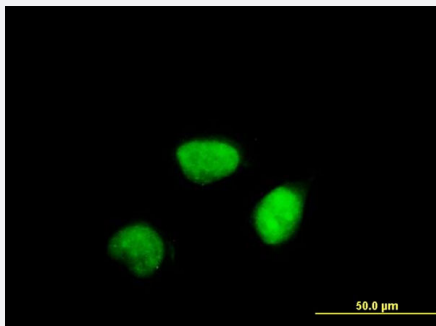


Western Blot (Transfected lysate)

Western Blot analysis of CCNA2 expression in transfected 293T cell line ([H00000890-T01](#)) by CCNA2 MaxPab polyclonal antibody.

Lane 1: CCNA2 transfected lysate(47.52 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CCNA2 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CCNA2 protein.

Immunogen

CCNA2 (NP_001228, 1 a.a. ~ 432 a.a) full-length human protein.

Sequence

MLGNSAPGPATREAGSALLALQQTALQEDQENINPEKAAPVQQPRTRAALAVLKSGNPRGLAQQ
QRPKTRRVAPLKDLVPNDEHVTVPWPWKANSKQPAFTIHVDEAEKEAQKPAESQKIEREDALAF
NSAISLPGRKPLVPLDYPMDGSFESPHTMDMSVLEDEKPVSVNEVPDYHEDIHTYLREMEVKC
KPKVGYMKKQPDITNSMRILVDWLVEVGEEYKLQNETLHLAVNYIDRFLSSMSVLRGKLQLVGTA
AMLLASKFEEMPPEVAEFVYTDDTYTKKQVLRMEHLVLKVLTFDLAAPT VNQFLTQYFLHQQPAN
CKVESLAMFLGELSLIDADPYLKYLPSVIAGAAFHLALYTVTGQSWPESLIRKTGYTLES LKPCLMD
LHQT YLKAPQHAQQSIREKYKNSKYHGVSLNPPETLNL

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CCNA2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — CCNA2

Entrez GeneID	890
GeneBank Accession#	NM_001237
Protein Accession#	NP_001228
Gene Name	CCNA2
Gene Alias	CCN1, CCNA
Gene Description	cyclin A2
Omim ID	123835
Gene Ontology	Hyperlink

Gene Summary

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. In contrast to cyclin A1, which is present only in germ cells, this cyclin is expressed in all tissues tested. This cyclin binds and activates CDC2 or CDK2 kinases, and thus promotes both cell cycle G1/S and G2/M transitions. [provided by RefSeq]

Other Designations

cyclin A

Pathway

- [Cell cycle](#)

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)