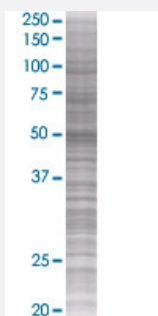


CCNA2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000890-T01

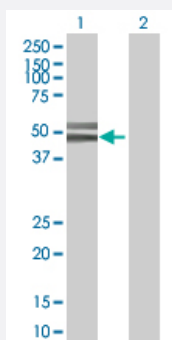
Size 100 uL

Applications



SDS-PAGE Gel

CCNA2 transfected lysate.



Western Blot

Lane 1: CCNA2 transfected lysate (47.63 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CCNA2 full-length

Host Human

Theoretical MW (kDa) 47.63

Quality Control Testing Transient overexpression cell lysate was tested with Anti-CCNA2 antibody ([H00000890-B01](#)) by Western Blots.
 SDS-PAGE Gel
 CCNA2 transfected lysate.
 Western Blot
 Lane 1: CCNA2 transfected lysate (47.63 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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](#)