Product Datasheet

CCNA1 Antibody

Catalog No: #31063

Package Size: #31063-1 50ul #31063-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	CCNA1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total CCNA1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human cyclin A1
Target Name	CCNA1
Other Names	cyclin A1
Accession No.	Swiss-Prot:P78396Gene ID:8900;
Uniprot	P78396
GeneID	8900;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C/1 year

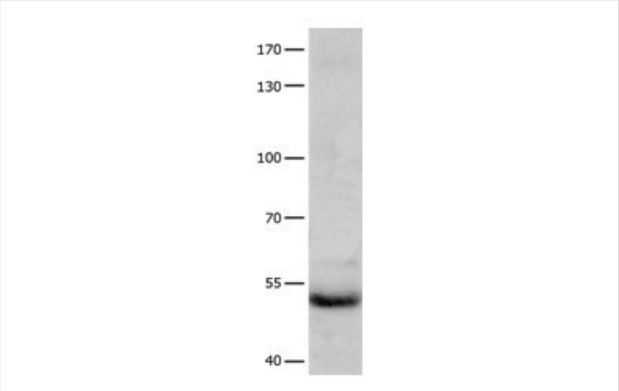
Application Details

Predicted MW: 52kd

ELISA: 1:1000-1:5000

Western blotting: 1:500-1:2000

Images



Gel: 8%SDS-PAGE
Lysate: 40 µg Human breast invasive ductal carcinoma tissue lysate
Primary antibody: 1/500 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 30 seconds

Background

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. The cyclin encoded by this gene was shown to be expressed in testis and brain, as well as in several leukemic cell lines, and is thought to primarily function in the control of the germline meiotic cell cycle. This cyclin binds both CDK2 and CDC2 kinases, which give two distinct kinase activities, one appearing in S phase, the other in G2, and thus regulate separate functions in cell cycle. This cyclin was found to bind to important cell cycle regulators, such as Rb family proteins, transcription factor E2F-1, and the p21 family proteins. Multiple transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only