

Cyclin A1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51052

Product Information

Application	WB
Primary Accession	P78396
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52358

Additional Information

Gene ID	8900
Other Names	Cyclin-A1, CCNA1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cyclin A1/2. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CCNA1
Function	May be involved in the control of the cell cycle at the G1/S (start) and G2/M (mitosis) transitions. May primarily function in the control of the germline meiotic cell cycle and additionally in the control of mitotic cell cycle in some somatic cells.
Cellular Location	Nucleus {ECO:0000250 UniProtKB:P20248}.
Tissue Location	Very high levels in testis and very low levels in brain. Also found in myeloid leukemia cell lines

Background

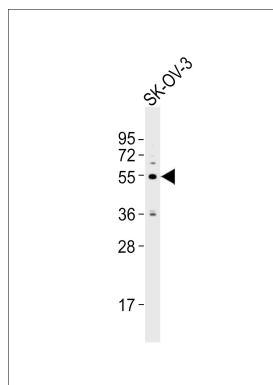
May be involved in the control of the cell cycle at the G1/S (start) and G2/M (mitosis) transitions. May primarily function in the control of the germline meiotic cell cycle and additionally in the control of mitotic

cell cycle in some somatic cells.

References

Yang R.,et al.Cancer Res. 57:913-920(1997).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Dunham A.,et al.Nature 428:522-528(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Images



Anti-Cyclin A1 Antibody at 1:1000 dilution + SK-OV-3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 52 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Citations

- [The substitution of SERCA2 redox cysteine 674 promotes pulmonary vascular remodeling by activating IRE1 /XBP1s pathway](#)
- [Targeting the overexpressed CREB inhibits esophageal squamous cell carcinoma cell growth.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.