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anti-Cyclin A antibody

2 Images



Publication



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- OVERVIEW	
Quantity:	100 μL
Target:	Cyclin A (CCNA2)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin A antibody is un-conjugated
Application:	ELISA, Immunoprecipitation (IP)
Product Details	
Immunogen:	Anti-Cyclin-A Antibody was produced by repeated immunizations with a recombinant protein
	corresponding to the human cyclin A.
Characteristics:	Concentration Definition: by Refractometry
Target Details	
Target:	Cyclin A (CCNA2)
Alternative Name:	Cyclin A (CCNA2 Products)
Background:	Anti-Cyclin A detects cyclin a. Cyclin A is a member of the cyclin family. Cyclin A binds to S
	phase Cdk2 and is required for the cell to progress through the S phase. Cyclin A/ Cdk2 is
	inhibited by the complex p21CIP. Anti-cyclin-a Antibody is ideal for investigators involved in Cell
	Signaling, cell biology and Signal Transduction research.
	Synonyms: CCN1 antibody, CCNA antibody, CCNA2 antibody, Cyclin A2 antibody

Target Details

Gene ID:	890
NCBI Accession:	NP_001228
UniProt:	P20248
Pathways:	PI3K-Akt Signaling, Cell Division Cycle, AMPK Signaling, Mitotic G1-G1/S Phases, DNA Replication, M Phase, Synthesis of DNA

Application Details

Application Notes:	Anti-Cyclin-A antibody is suitable for the detection by immunoblot, ELISA and IP of human, rat	
	and mouse Cyclin A. Researchers should determine optimal titers for applications that are not	
	stated below.	
Restrictions:	For Research Use only	

Handling

Format:	Liquid
Concentration:	80 mg/mL
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

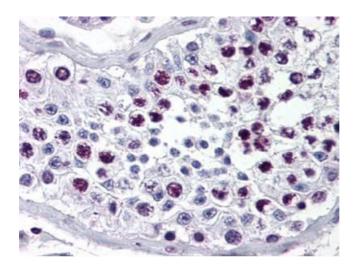
Publications

Product cited in:	Yu, Pollock, Duval, Lewis, Joseph, Meade, Cavacini: "Neutralization of HIV by milk expressed
	antibody." in: Journal of acquired immune deficiency syndromes (1999) , Vol. 62, Issue 1, pp.
	10-6, (2013) (PubMed).

Western Blotting

Image 1.





Immunohistochemistry

Image 2. Immunohistochemistry of Rabbit Anti-Cyclin A antibody. Tissue: human testes tissue. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Cyclin A antibody at 1:500 for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: Cyclin A is nuclear and cytoplasmic. Staining: Cyclin A as precipitated red signal with hematoxylin purple nuclear counterstain.