



Rabbit Anti-CCNA2 monoclonal antibody, clone TE3163 (CABT-L779)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Cyclin A2
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TE3163
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Molecular Weight	49 kDa
Cellular Localization	Nucleus, Cytoplasm.
Positive Control	RH-35, NIH/3T3, Hela, HepG2, human tonsil tissue, mouse colon tissue, human colon cancer tissue, human breast carcinoma tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	The critical role that the family of regulatory proteins known as cyclins play in eukaryotic cell cycle regulation is well established. The best-characterized cyclin complex is the mitotic cyclin B/Cdc2 p34 kinase, the active component of maturing promoting factor. Cyclin A accumulates prior to cyclin B in the cell cycle, appears to be involved in control of S phase and has been shown to associate with cyclin- dependent kinase-2 (Cdk2). In addition, cyclin A has been implicated in cell transformation and is found in complexes with E1A, transcription factors DRTF1 and E2F and retinoblastoma protein, p110. A second form of cyclin A, named cyclin A1 because of its high sequence homology to <i>Xenopus</i> cyclin A1, is most highly expressed in germ cells. It has been proposed that cyclin A1 can associate with Cdk2, p39 and Cdc2 p34.
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Keywords	CCN1;CCNA;Ccna2;CCNA2_HUMAN;Cyclin A2;Cyclin-A;Cyclin-A2 antibody
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GENE INFORMATION

Entrez Gene ID	4192
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