

Anti-Cyclin A2 Rabbit pAb



WL02964

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Cyclin A2 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:300-1:500
Pack size	50/100/200/500/1000 μ l	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

While overcoming the G1/S checkpoint to commence DNA replication requires cyclin E, and traversing the G2/M checkpoint to initiate mitosis requires cyclin B to be present, cyclin A seems to be required for both S-phase and M-phase. A number of studies have described the ability of over-expressed cyclin A to accelerate the G1 to S transition causing DNA replication, and cyclin A antisense DNA can prevent DNA replication. Cyclin A availability is apparently the rate-limiting step for entry into mitosis, and cyclin A is required for completion of prophase. At late prophase, cyclin A may no longer be necessary as cdc2/cyclinB1 becomes active.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Cyclin A2.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

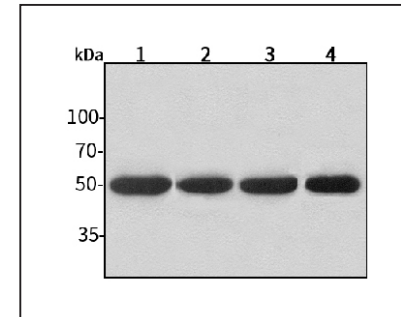
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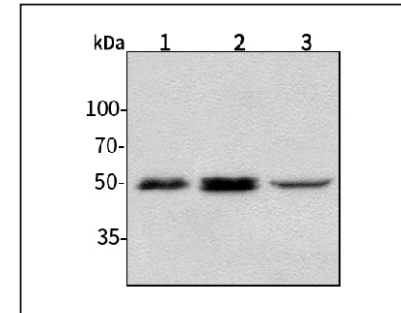
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Product Images



Western blot-Anti-Cyclin A2 pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-Cyclin A2 at 1:500 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 49 kDa
 Observed band size: 49 kDa



Western blot-Anti-Cyclin A2 pAb

Lane 1: Mouse kidney tissue lysate
 Lane 2: Mouse heart tissue lysate
 Lane 3: Rat liver tissue lysate
 All lanes: Anti-Cyclin A2 at 1:500 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 49 kDa
 Observed band size: 49 kDa