

Product Name: Cyclin A2 Rabbit Monoclonal Antibody
Catalog #: AMRe85472



Summary

Production Name	Cyclin A2 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP,IHC,ICC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Cyclin A2
Alternative Names	CCN1; CCNA
Gene ID	890.0
SwissProt ID	P20248.Recombinant protein of human Cyclin A2

Application

Dilution Ratio	WB:1:500-1:1000,IP:1:10-1:20,IHC:1:50-1:100,ICC:1:50-1:200
Molecular Weight	Calculated MW: 49 kDa; Observed MW: 55 kDa

Background

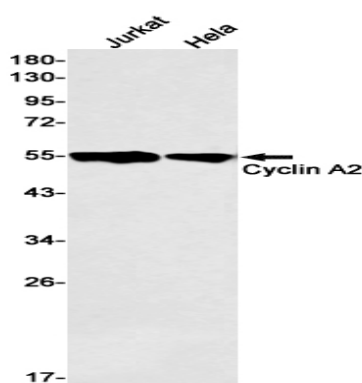
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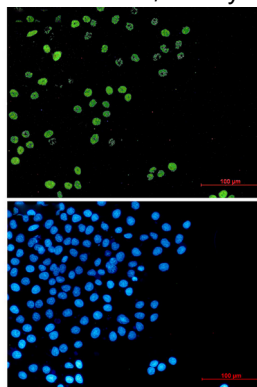
The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. In contrast to cyclin A1, which is present only in germ cells, this cyclin is expressed in all tissues. This cyclin binds and activates CDC2 or CDK2 kinases, and thus promotes both cell cycle G1/S and G2/M transitions.

Research Area

Image Data

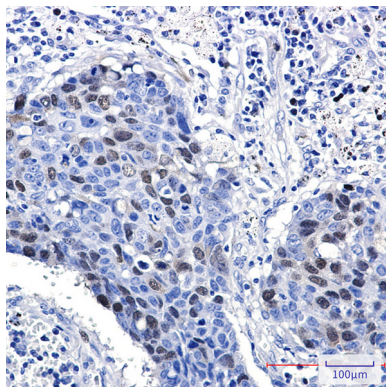


Western blot analysis of Cyclin A2 in Jurkat, HeLa lysates using Cyclin A2 antibody.



Immunocytochemistry analysis of Cyclin A2 (green) in HeLa using Cyclin A2 antibody, and DAPI (blue)

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Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Cyclin A2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.