Product Name: Cyclin A2 Rabbit Monoclonal Antibody
Catalog #: AMRe01870

Summary

Production Name	Cyclin A2 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	CCNA2
Alternative Names	CCN1; CCNA
Gene ID	890
SwissProt ID	P20248

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 49 kDa; Observed MW: 49 kDa

Background

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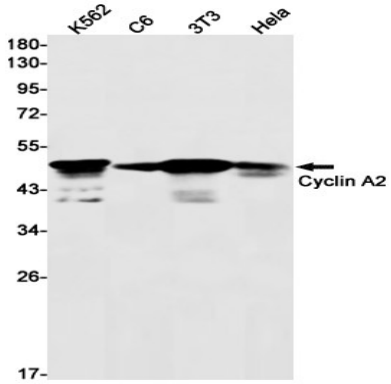
The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns 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 Ted. This cyclin binds and activates CDC2 or CDK2 kinases, and thus promotes both cell cycle G1/S and G2/M transitions.

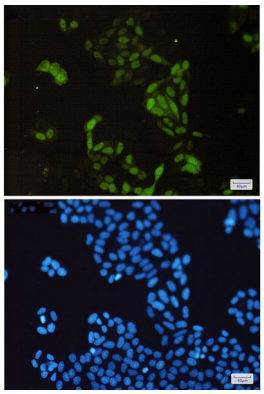
Research Area

Cell Biology

Image Data



Western blot analysis of Cyclin A2 in K562, C6, 3T3, 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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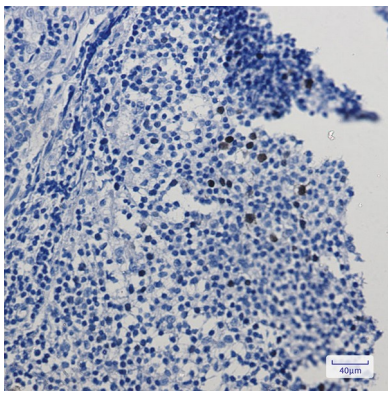

Immunohistochemistry analysis of paraffin-embedded Human tonsil using Cyclin A2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.