

Cyclin A2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Non-human primate, Rat
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein fragment contains a sequence corresponding to a region within amino acids 1 and 190 of Cyclin A2
Form	Liquid
Concentration	0.73 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% Proclin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2552034

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
Immunoprecipitation (IP)	1:100-1:500	-

Product Specific Information

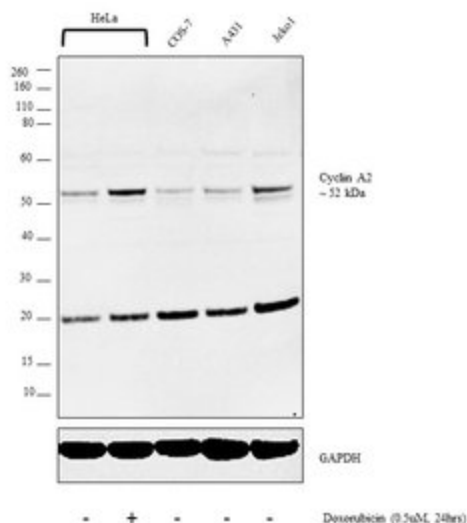
Recommended positive controls: 293T, A431, HeLa, HepG2, IMR32, SK-N-AS, HeLa(100 µg/mL Bleomycin treatment for 24 hr), Neuro2A, PC-12, PC3.

Predicted reactivity: Rat (80%), Pig (89%), Rabbit (84%), Rhesus Monkey (98%), Bovine (84%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

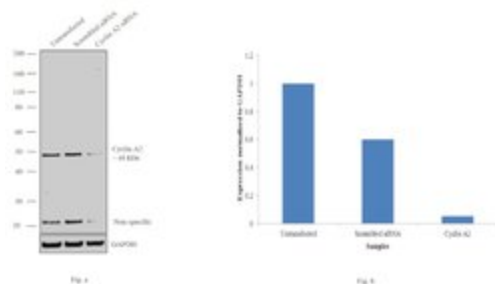
Cyclin A2 Antibody (PA5-34682)

Altered expression of target protein upon cell treatment demonstrates antibody specificity. Western blot analysis of Cyclin A2 using with Cyclin A2 Polyclonal Antibody (Product # PA5-34682) shows an increase upon doxorubicin treatment. Cell treatment validation info.

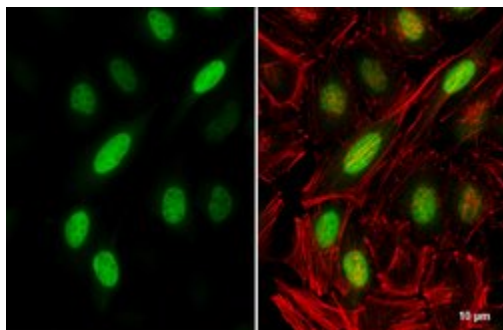


Cyclin A2 Antibody (PA5-34682)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with Cyclin A2 siRNA and reduction of signal was observed in Western Blot using Cyclin A2 Polyclonal Antibody (Product # PA5-34682). Knockdown validation info.



Product Images For Cyclin A2 Polyclonal Antibody



Cyclin A2 Antibody (PA5-34682) in ICC/IF

Immunocytochemistry-Immunofluorescence analysis of Cyclin A2 was performed in HeLa cells fixed in 4% paraformaldehyde at RT for 15 min. Green: Cyclin A2 Polyclonal Antibody (Product # PA5 34682) diluted at 1:500. Red: phalloidin, a cytoskeleton marker. Scale bar = 10 µm.

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Western Blot (1)

Arteriosclerosis, thrombosis, and vascular biology

Fibroblast Growth Factor 12 Is a Novel Regulator of Vascular Smooth Muscle Cell Plasticity and Fate.

"PA534682 was used in western blot to show that fibroblast growth factor 12 regulates the vascular smooth muscle cell switch between synthetic and contractile states"

Authors: Song SH, Kim K, Jo EK, Kim YW, Kwon JS, Bae SS, Sung JH, Park SG, Kim JT, Suh W

Species
Human

Dilution
Not Cited

Year
2016

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