

For Research Use Only

Cyclin A2 Recombinant antibody, PBS Only



Catalog Number: 82148-1-PBS

Basic Information

Catalog Number: 82148-1-PBS	GenBank Accession Number: BC104783	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 890	CloneNo.: 1C23
Source: Rabbit	UNIPROT ID: P20248	
Isotype: IgG	Full Name: cyclin A2	
Immunogen Catalog Number: AG12765	Calculated MW: 432 aa, 49 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications:
WB, IP, IHC, IF/ICC, Indirect ELISA

Species Specificity:
Human, mouse, rat

Background Information

Cyclin A2 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 tested. Cyclin A2 binds and activates CDC2 or CDK2 kinases, and thus promotes both cell cycle G1/S and G2/M transitions. Cyclin A2 could be phosphorylated during the G2/M.

Storage

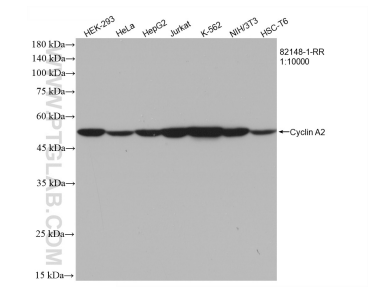
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82148-1-RR (Cyclin A2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82148-1-PBS in a different storage buffer formulation.

