

For Research Use Only

CDK4 Recombinant antibody

Catalog Number:83994-3-RR



Basic Information

Catalog Number: 83994-3-RR	GenBank Accession Number: BC010153	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 1019	CloneNo.: 241053F10
Source: Rabbit	UNIPROT ID: P11802	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG	Full Name: cyclin-dependent kinase 4	
Immunogen Catalog Number: AG20538	Calculated MW: 34 kDa	
	Observed MW: 30-34 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A431 cells, HeLa cells, MCF-7 cells, HepG2 cells
Species Specificity: human	

Background Information

Cyclin-dependent kinase-4 (CDK4) is a protein-serine kinase involved in the cell cycle. It is essential for the G1-to-S-phase transition during the cell cycle, and its expression is primarily controlled at the transcriptional level (PMID:17253961). The CCND1-CDK4 axis is critical not only in glial tumor cells but also in stromal-derived cells in the surrounding tumor microenvironment, which are vital to sustain tumor outgrowth (PMID:21844184).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

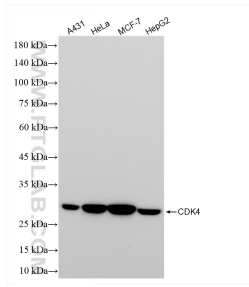
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83994-3-RR (CDK4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.