

For Research Use Only

Cyclin D1 Polyclonal antibody

Catalog Number: 10438-1-AP **22 Publications**



Basic Information

Catalog Number: 10438-1-AP	GenBank Accession Number: BC000076	Purification Method: Antigen affinity purification
Size: 220 µg/ml	GeneID (NCBI): 595	
Source: Rabbit	UNIPROT ID: P24385	
Isotype: IgG	Full Name: cyclin D1	
Immunogen Catalog Number: AG0689	Calculated MW: 295 aa, 34 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
WB, IHC

Species Specificity:
human, mouse, rat, zebrafish

Cited Species:
human, rat, mouse

Background Information

CCND1 (cyclin D1), also known as PRAD1 or BCL1, belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance throughout the cell cycle. CCND1 forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. The CCND1 gene, located on 11q13 has been reported to be overexpressed in mantle cell lymphoma (MCL) due to the chromosomal translocation. CCND1 has been shown to interact with tumor suppressor protein Rb and the expression of this gene is regulated positively by Rb. Over-expression of CCND1 is known to correlate with the early onset of cancer and risk of tumor progression and metastasis.

Notable Publications

Author	Pubmed ID	Journal	Application
Qing Tong	36068629	Cancer Cell Int	WB
Zhuan Song	36181623	Inflammation	WB
Minglu Liu	36467051	Front Pharmacol	WB

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