

Cyclin D3 (Phospho Thr283) Rabbit pAb

CatalogNo: YP0080

Orthogonal Validated 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 32kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000**IHC 1:100-1:300****ELISA 1:5000****IF 1:50-200**

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

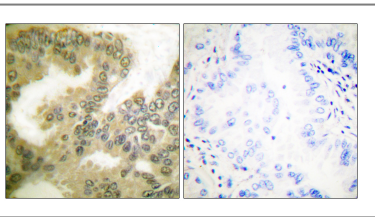
Immunogen The antiserum was produced against synthesized peptide derived from human Cyclin D3 around the phosphorylation site of Thr283. AA range: 243-292

Specificity Phospho-Cyclin D3 (T283) Polyclonal Antibody detects endogenous levels of Cyclin D3 protein only when phosphorylated at T283. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):TStPT

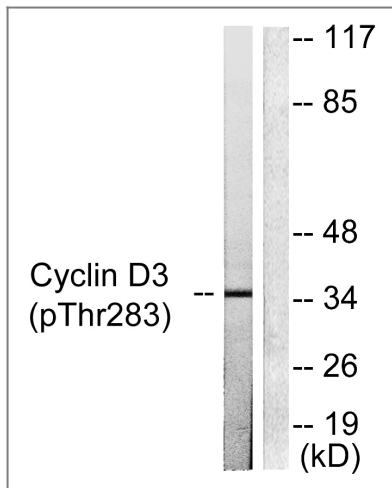
Target Information

Gene name	CCND3		
Protein Name	G1/S-specific cyclin-D3		
	Organism	Gene ID	UniProt ID
	Human	896 ;	P30281 ;
	Mouse	12445 ;	P30282 ;
	Rat	25193 ;	P48961 ;
Cellular Localization	Nucleus . Cytoplasm .		
Tissue specificity	Brain,Lung,Placenta,Synovial membrane tissue,Umbilical cord blood,		
Function	Function:Essential for the control of the cell cycle at the G1/S (start) transition. Potentiates the transcriptional activity of ATF5.,similarity:Belongs to the cyclin family.,similarity:Belongs to the cyclin family. Cyclin D subfamily.,subunit:Interacts with the CDK4 and CDK6 protein kinases to form a serine/threonine kinase holoenzyme complex. The cyclin subunit imparts substrate specificity to the complex. Interacts with ATF5. Interacts with EIF3K.,		

Validation Data



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using Cyclin D3 (Phospho-Thr283) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from K562 cells treated with UV 5', using Cyclin D3 (Phospho-Thr283) Antibody. The lane on the right is blocked with the phospho peptide.

Contact information

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Please scan the QR code to access additional product information:
Cyclin D3 (Phospho-Thr283) Rabbit pAb

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