

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

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.

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:5000

IF 1:50-200

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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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

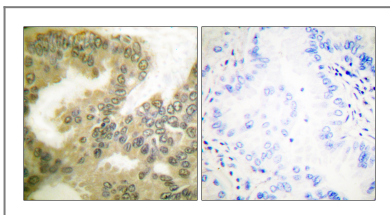
| Organism | Gene ID | UniProt ID |
|----------|------------------------|-------------------------|
| Human | 896; | P30281; |
| Mouse | 12445; | P30282; |
| Rat | 25193; | P48961; |

Cellular Localization Nucleus . Cytoplasm .

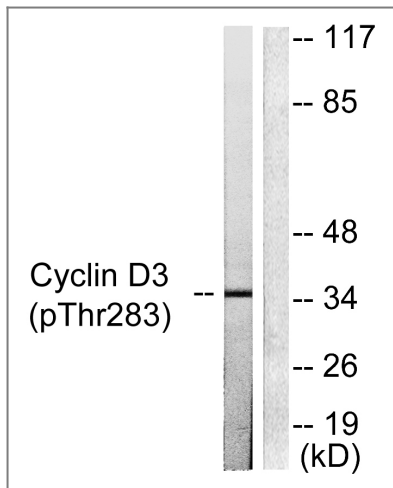
Tissue specificity Brain ,Lung ,Placenta ,Synovial membrane tissue ,Umbilical cord blood ,

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

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 400-8787-807(China)
Website: <http://www.immunoway.com.cn>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)