

CCND1 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2612a**Specification**

CCND1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q6FI00
Other Accession	P39948 , P25322 , P24385
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	1-30

CCND1 Antibody (N-term) - Additional Information**Gene ID** 595**Other Names**

CCND1 protein; Cyclin D1, isoform CRA_c; cDNA, FLJ93625, Homo sapiens cyclin D1 (PRAD1: parathyroid adenomatosis 1) (CCND1), mRNA; Cyclin D1; PRAD1: parathyroid adenomatosis 1; CCND1

Target/Specificity

This CCND1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CCND1.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CCND1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CCND1 Antibody (N-term) - Protein Information**Name** CCND1 {ECO:0000313|EMBL:CAG38775.1}

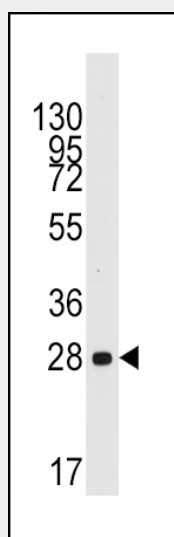
Cellular Location

Cytoplasm {ECO:0000256|ARBA:ARBA00004496}. Nucleus membrane {ECO:0000256|ARBA:ARBA00004126}

CCND1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CCND1 Antibody (N-term) - Images

Western blot analysis of anti-CCND1 Pab (Cat.#AP2612a) in mouse lung tissue lysates (35ug/lane). CCND1 (arrow) was detected using the purified Pab.

CCND1 Antibody (N-term) - Background

CCND1 belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance throughout 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. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with tumor suppressor protein Rb and the expression of this gene is regulated positively by Rb. Mutations, amplification and overexpression of the gene encoding this protein, which alters cell cycle progression, are observed frequently in a variety of tumors and may contribute to tumorigenesis.

CCND1 Antibody (N-term) - References

He,Y.Y., Cancer Res. 68 (10), 3752-3758 (2008)

Marsit,C.J., Clin. Cancer Res. 14 (8), 2371-2377 (2008)
Caldon,C.E., Cancer Res. 68 (8), 3026-3036 (2008)