

Anti-CCND2 / Cyclin D2 Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18584**Specification**

Anti-CCND2 / Cyclin D2 Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	P30279
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	33067

Anti-CCND2 / Cyclin D2 Antibody - Additional Information**Gene ID** 894

Alias Symbol	CCND2
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Other Names
CCND2, KIAK0002, G1/S-specific cyclin D2, G1/S-specific cyclin-D2, Cyclin D2**Target/Specificity**
Human CCND2 / Cyclin D2**Reconstitution & Storage**
Affinity purified**Precautions**
Anti-CCND2 / Cyclin D2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**Anti-CCND2 / Cyclin D2 Antibody - Protein Information****Name** CCND2 {ECO:0000303|PubMed:1386336, ECO:0000312|HGNC:HGNC:1583}**Function**
Regulatory component of the cyclin D2-CDK4 (DC) complex that phosphorylates and inhibits members of the retinoblastoma (RB) protein family including RB1 and regulates the cell-cycle during G(1)/S transition (PubMed:8114739, PubMed:18827403). Phosphorylation of RB1 allows dissociation of the transcription factor E2F from the RB/E2F complex and the subsequent transcription of E2F target genes which are responsible for the progression through the G(1) phase (PubMed:8114739, PubMed:18827403). Hypophosphorylates RB1 in early G(1) phase (PubMed:8114739, PubMed:18827403).

href="http://www.uniprot.org/citations/18827403" target="_blank">18827403). Cyclin D-CDK4 complexes are major integrators of various mitogenic and antimitogenic signals (PubMed:8114739, PubMed:18827403).

Cellular Location

Nucleus. Cytoplasm. Nucleus membrane. Note=Cyclin D-CDK4 complexes accumulate at the nuclear membrane and are then translocated into the nucleus through interaction with KIP/CIP family members

Anti-CCND2 / Cyclin D2 Antibody - 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](#)

Anti-CCND2 / Cyclin D2 Antibody - Images