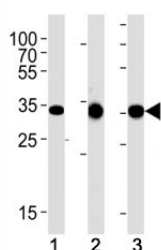


## CCND1 Antibody (F52187)

Catalog No.	Formulation	Size
F52187-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52187-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Bovine
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P24385
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This CCND1 antibody is available for research use only.



CCND1 antibody western blot analysis in (1) human A431, (2) mouse L929 and (3) rat C6 lysate. Predicted molecular weight: 32-36 kDa.

## Description

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. Cyclin D1 forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. 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.

## Application Notes

Titration of the CCND1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 264-292 from the human protein was used as the immunogen for this CCND1 antibody.

## Storage

Aliquot the CCND1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.