

Rabbit Cyclin D1 Polyclonal Antibody | anti-CCND1 antibody

Cyclin D1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314597	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Cyclin D1; Polyclonal Antibody; Cyclin D1 Rabbit Polyclonal Antibody; BCL1; D11S287E; PRAD1; U21B31; CCND1; cyclin D1; anti-CCND1 antibody

PRODUCT SPECIFICATIONS

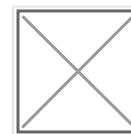
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-CCND1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Cyclin D1 (NP_444284.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



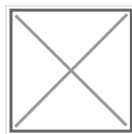
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using Cyclin D1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon using Cyclin D1 Rabbit pAb.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Cyclin D1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CCND1 antibody

The protein encoded by this gene 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 this gene, which alters cell cycle progression, are observed frequently in a variety of tumors and may contribute to tumorigenesis.

Product Categories/Family for anti-
CCND1 antibody

Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	16950655
NCBI GeneID	595
NCBI Accession #	NP_444284.1
NCBI GenBank Nucleotide #	NM_053056.2
UniProt Accession #	P24385; Q6LEF0
Molecular Weight	33,729 Da
NCBI Official Full Name	G1/S-specific cyclin-D1
NCBI Official Synonym Full Names	cyclin D1
NCBI Official Symbol	CCND1
NCBI Official Synonym Symbols	BCL1; PRAD1; U21B31; D11S287E
NCBI Protein Information	G1/S-specific cyclin-D1; BCL-1 oncogene; PRAD1 oncogene; B-cell CLL/lymphoma 1; B-cell lymphoma 1 protein
UniProt Protein Name	G1/S-specific cyclin-D1
UniProt Gene Name	CCND1
UniProt Synonym Gene Names	BCL1; PRAD1; BCL-1
UniProt Entry Name	CCND1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyclin-d1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/314597>