

Rabbit Phospho-Cyclin D1-T286 Polyclonal Antibody | anti-CyclinD1-T286 antibody

Phospho-Cyclin D1-T286 Rabbit pAb

CATALOG # AAA282127	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Phospho-Cyclin D1-T286; Polyclonal Antibody; Phospho-Cyclin D1-T286 Rabbit pAb; BCL1; D11S287E; PRAD1; U21B31; CCND1; Cyclin D1; cyclin D1; anti-CyclinD1-T286 antibody

PRODUCT SPECIFICATIONS

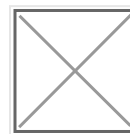
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-CyclinD1-T286 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A phospho synthetic peptide corresponding to residues surrounding T286 of human Cyclin D1.
Cellular Location	Cytoplasm, Membrane, Nucleus
Positive Samples	NIH/3T3
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse eye using Phospho-Cyclin D1-T286 Rabbit pAb at dilution of 1:100 (40x lens).



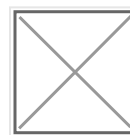
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using Phospho-Cyclin D1-T286 Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat eye using Phospho-Cyclin D1-T286 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of NIH/3T3 cells, using Phospho-Cyclin D1-T286 pAb at 1:1000 dilution or Cyclin D1 antibody (A11310). NIH/3T3 cells were treated by 10% FBS at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-CyclinD1-T286 antibody	Background: 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-CyclinD1-T286 antibody	Protein phosphorylation; Research; Cell Biology & Developmental Biology; Cell Cycle; Cyclins; Research; Cell Biology & Developmental Biology; Cell Cycle; Cell Cycle Control-G1/S Checkpoint; Research; Cell Biology & Developmental Biology; Hedgehog Signalin

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/phospho-cyclin-d1-t286-antibody-immunohistochemistry-western-blot-elisa/282127>