

Anti-Phospho-Cyclin D1 (T286) CCND1 Antibody

Catalog Number: A00149T286-1

About CCND1

Participates in DNA repair and in chromosomal DNA replication.

Kesti T., J. Biol. Chem. 268:10238-10245(1993).

Syvaeoja J.E.;Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases.

Asahara H., Submitted (FEB-1996) to the EMBL/GenBank/DDBJ databases.

Overview

Product Name	Anti-Phospho-Cyclin D1 (T286) CCND1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-Cyclin D1 (T286) CCND1 Antibody catalog # A00149T286-1. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P24385

Technical Details

Immunogen	Synthesized peptide derived from human Cyclin D1 around the phosphorylation site of T286.
Predicted Reactive Species	Canine, Monkey
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:10000

Anti-Phospho-Cyclin D1 (T286) CCND1 Antibody (A00149T286-1) Images

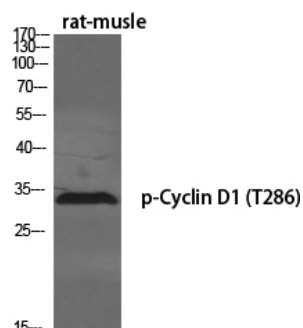


Figure 1. Western blotting validation for Anti-Phospho-Cyclin D1 (T286) CCND1 Antibody A00149T286-1

Western Blot (WB) analysis of specific cells using Phospho-Cyclin D1 (T286) polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

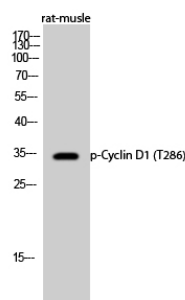


Figure 2. Western blotting validation for Anti-Phospho-Cyclin D1 (T286) CCND1 Antibody A00149T286-1

Western Blot (WB) analysis of Rat Muscle cells using Phospho-Cyclin D1 (T286) polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

2 Publications Citing This Product

1. PubMed ID: 33289736, Liu S, Sun Y, Zhao R, Wang Y, Zhang W, Pang W. Isoleucine increases muscle mass through promoting myogenesis and intramyocellular fat deposition. Food Funct. 2021 Jan 7;12(1):144-153. doi: 10.1039/d0fo02156c. Epub 2020 Dec 8. PMID:33289736.
2. PubMed ID: 33292254, Wang C, Shao S, Deng L, Wang S, Zhang Y. LncRNA SNHG12 regulates the radiosensitivity of cervical cancer through the miR-148a/CDK1 pathway. Cancer Cell Int. 2020 Dec 1;20(1):554. doi:10.1186/s12935-020-01654-5. PMID:33292254; PMCID: PMC7708190.

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