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Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CCND3 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00000896-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human CCND3 protein.

Immunogen: CCND3 (NP_001751, 1 a.a. ~ 292 a.a) full-length human protein.

Sequence:
 MELLCEGTRHAPRAGDPDLLGDQRVLQSLRLLEERYVPRASYFQCV
 QREIKPHMRKMLAYWMLEVCEEQRCSEEVFPLAMNYLDRYLSCVPTRK
 AQLQLLGAVCMMLASKLRETTPLTIEKLCIYTDHAVSPRQLRDWEVLVLG
 KLKWDLAAVIAHDFLAFILHRLSLPRDRQALVKKHAQTFLALCATDYTFA
 MYPPSMIATGSIGAAVQGLGACSMGDELTELLAGITGTEVDCLRACQE
 QIEAALRESLREASQTSSSPAPKAPRGSSSQGPSQTSTPTDVTAIHL

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

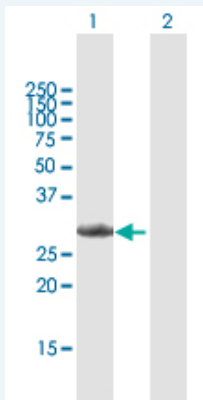
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of CCND3 expression in transfected 293T cell line (H00000896-T01) by CCND3 MaxPab polyclonal antibody.

Lane 1: CCND3 transfected lysate(32.12 KDa).

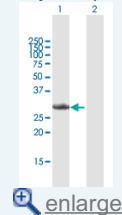
Lane 2: Non-transfected lysate.

[Protocol Download](#)

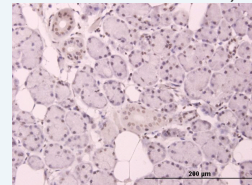
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Application Image

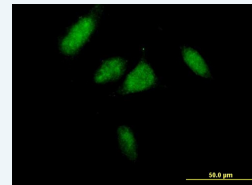
Western Blot (Transfected lysate)

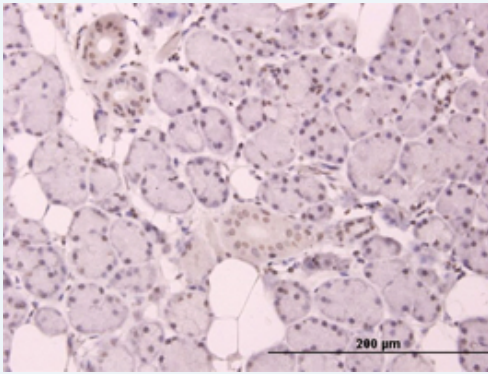


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



Immunofluorescence



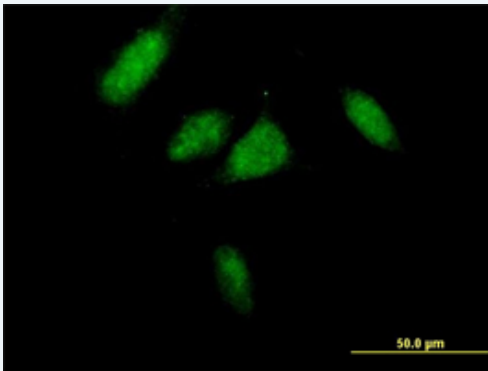


[enlarge this image](#)

Immunoperoxidase of purified MaxPab antibody to CCND3 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Immunofluorescence



[enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to CCND3 on HeLa cell. [antibody concentration 7 ug/ml]

[Protocol Download](#)

Gene Information

Entrez GeneID: [896](#)

GeneBank Accession#: [NM_001760](#)

Protein Accession#: [NP_001751](#)

Gene Name: CCND3

Gene Alias: -

Gene Description: cyclin D3

Omim ID: [123834](#)

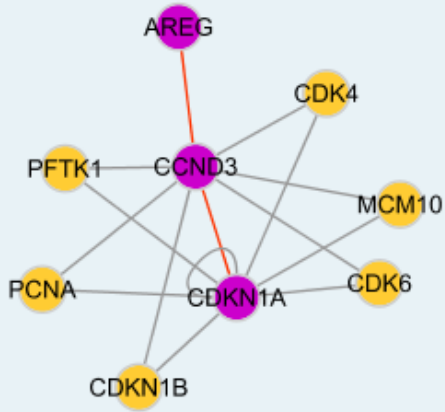
Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through 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 and be involved in the phosphorylation of tumor suppressor protein Rb. The CDK4 activity associated with this cyclin was reported to be necessary for cell cycle progression through G2 phase into mitosis after UV radiation. Several transcript variants encoding different

isoforms have been found for this gene. [provided by RefSeq]

Other Designations: D3-type cyclin,G1/S-specific cyclin D3,OTTHUMP00000016390

Interactome



Gene Pathway

[Cell cycle](#) [Focal adhesion](#) [Jak-STAT signaling pathway](#) [p53 signaling pathway](#)
[Wnt signaling pathway](#)

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