

Rabbit anti-Human CCND2 / Cyclin D2 Polyclonal Antibody | anti-CCND2 antibody

Anti-CCND2 / Cyclin D2 Antibody (aa1-30) IHC-plus

CATALOG # AAA52649	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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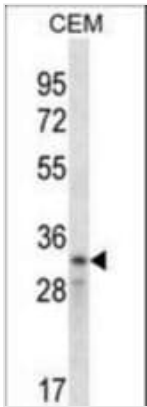
PRODUCT SYNONYMS

CCND2 / Cyclin D2; Polyclonal Antibody; Anti-CCND2 / Cyclin D2 Antibody (aa1-30) IHC-plus; Rabbit Polyclonal to Human CCND2 / Cyclin D2; Human CCND2 / Cyclin D2; KIAK0002; G1/S-specific cyclin D2; G1/S-specific cyclin-D2; Cyclin D2; anti-CCND2 antibody

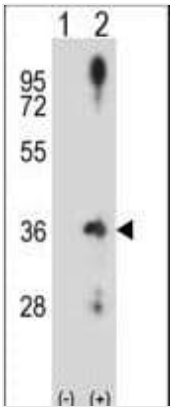
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human Cyclin D2
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	289
Applicable Applications for anti-CCND2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	CCND2 / Cyclin D2 antibody was raised against KLH-conjugated synthetic peptide from N-terminal region of human CCND2.
Immunogen Description	KLH-conjugated synthetic peptide from N-terminal region of human CCND2.
Immunogen Type	Synthetic peptide
Antigen Modification	aa1-30
Target Species	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

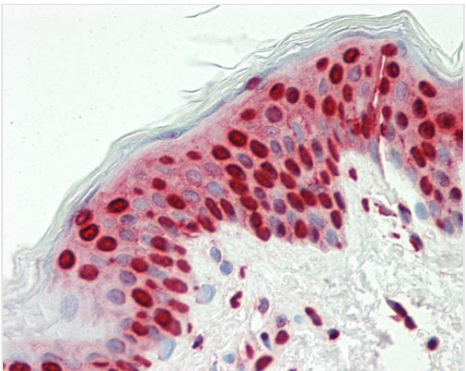
IMAGES



WB (Western Blot)
CCND2 Antibody western blot of CEM cell line lysates (35 ug/lane). The CCND2 antibody detected the CCND2 protein (arrow).



WB (Western Blot)
Western blot of CCND2 (arrow) using rabbit polyclonal CCND2 Antibody. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CCND2 gene.



IHC (Immunohistochemistry)
Anti-CCND2 / Cyclin D2 antibody IHC staining of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:50.

ADDITIONAL INFORMATION

Related Product Information for anti-CCND2 antibody

CCND2 Antibody, KIAK0002 Antibody, G1/S-specific cyclin D2 Antibody, G1/S-specific cyclin-D2 Antibody, Cyclin D2 Antibody Description: Regulatory component of the cyclin D2-CDK4 (DC) complex that phosphorylates and inhibits members of the retinoblastoma (RB) protein family including RB1 and regulates the cell-cycle during G1/S transition. Phosphorylation of RB1 allows dissociation of the transcription factor E2F from the RB/E2F complex and the subsequent transcription of E2F target genes which are responsible for the progression through the G1 phase. Hypophosphorylates RB1 in early G1 phase.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502617
NCBI GeneID	894
NCBI Accession #	NP_001750.1
NCBI GenBank Nucleotide #	NM_001759.3
UniProt Accession #	P30279; Q13955; Q5U035; A8K531
Molecular Weight	24,461 Da
NCBI Official Full Name	G1/S-specific cyclin-D2
NCBI Official Synonym Full Names	cyclin D2

NCBI Official Symbol	CCND2
NCBI Official Synonym Symbols	MPPH3; KIAK0002
NCBI Protein Information	G1/S-specific cyclin-D2
UniProt Protein Name	G1/S-specific cyclin-D2
UniProt Gene Name	CCND2
UniProt Entry Name	CCND2_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/ccnd2-cyclin-d2-antibody-western-blot-immunohistochemistry-elisa/52649>