

Rabbit anti-Human CDK4 Polyclonal Antibody | anti-CDK4 antibody

CDK4 Antibody

CATALOG # AAA302304	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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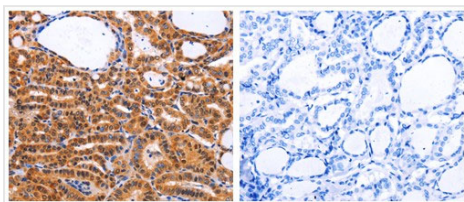
PRODUCT SYNONYMS

CDK4; Polyclonal Antibody; CDK4 Antibody; Cyclin-dependent kinase 4; CMM3; PSK-J3; anti-CDK4 antibody

PRODUCT SPECIFICATIONS

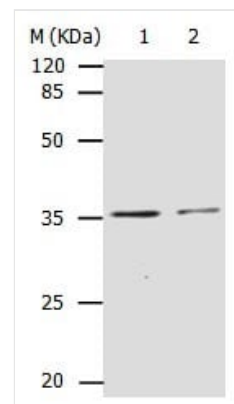
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CDK4 protein.
Form/Format	Supplied at 0.9mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	1386
Applicable Applications for anti-CDK4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Full length fusion protein
Target Name	CDK4
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 31053(CDK4 Antibody) at dilution 1/10, on the right is treated with the fusion protein.



Application Data

Gel: 12%SDS-PAGE Lane1: Hela cell lysate Lane2: 293T cell lysate Lysates: 30ug per lane
Primary antibody: 1/450 dilution Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/3000 dilution Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-CDK4 antibody	The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is highly similar to the gene products of <i>S. cerevisiae</i> cdc28 and <i>S. pombe</i> cdc2. It is a catalytic subunit of the protein kinase complex that is important for cell cycle G1 phase progression. The activity of this kinase is restricted to the G1-S phase, which is controlled by the regulatory subunits D-type cyclins and CDK inhibitor p16(INK4a). This kinase was shown to be responsible for the phosphorylation of retinoblastoma gene product (Rb). Mutations in this gene as well as in its related proteins including D-type cyclins, p16(INK4a) and Rb were all found to be associated with tumorigenesis of a variety of cancers. Multiple polyadenylation sites of this gene have been reported.
Product Categories/Family for anti-CDK4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	33872692
NCBI GeneID	1019
Molecular Weight	20,725 Da
NCBI Official Full Name	Homo sapiens cyclin-dependent kinase 4, mRNA
NCBI Official Synonym Full Names	cyclin-dependent kinase 4
NCBI Official Symbol	CDK4
NCBI Official Synonym Symbols	CMM3; PSK-J3
NCBI Protein Information	cyclin-dependent kinase 4
UniProt Protein Name	Cyclin-dependent kinase 4
UniProt Gene Name	CDK4
UniProt Entry Name	CDK4_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://www.aaabiotech.com/polyclonal/cdk4-antibody-immunohistochemistry-western-blot-elisa/302304>