

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

CDK4 Polyclonal Antibody

CATALOG # AAA174413	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry
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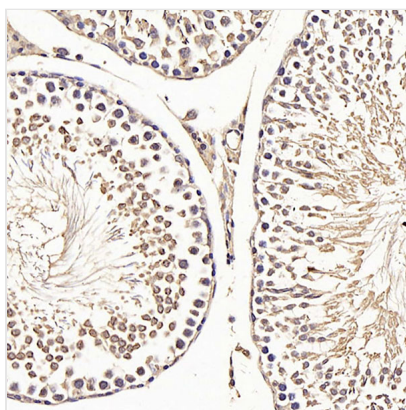
PRODUCT SYNONYMS

CDK4; Polyclonal Antibody; CDK4 Polyclonal Antibody; Cdk 4; cdk4; CDK4 protein; Cell division kinase 4; Cell division protein kinase 4; CMM 3; CMM3; Crk3; Cyclin dependent kinase 4; Cyclin-dependent kinase 4; Melanoma cutaneous malignant 3; MGC14458; p34 cdk4; PSK J3; PSK-J3; anti-CDK4 antibody

PRODUCT SPECIFICATIONS

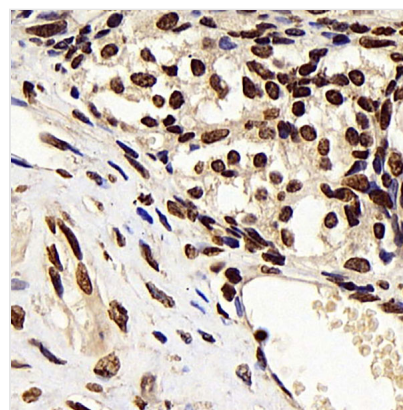
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	210 mug/mL (varies by lot)
Sequence Length	183
Applicable Applications for anti-CDK4 antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse CDK4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



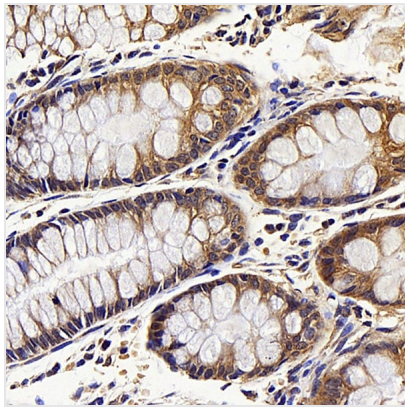
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat testis using CDK4 Polyclonal Antibody at dilution of 1:100.



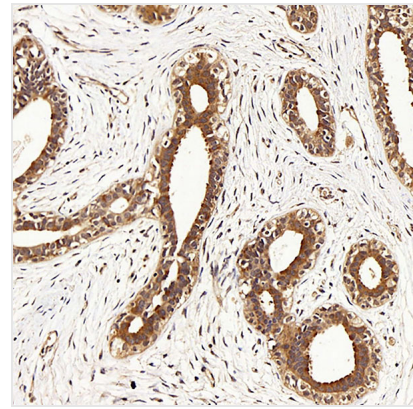
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat ovary using CDK4 Polyclonal Antibody at dilution of 1:100.



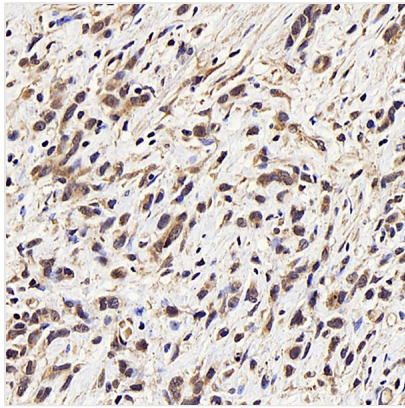
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon using CDK4 Polyclonal Antibody at dilution of 1:100.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast using CDK4 Polyclonal Antibody at dilution of 1:100.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human stomach cancer using CDK4 Polyclonal Antibody at dilution of 1:100.

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	Cancer ; Cell Biology ; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502735
NCBI GeneID	1019
NCBI Accession #	NP_000066.1
NCBI GenBank Nucleotide #	NM_000075.4
UniProt Accession #	P11802 ; O00576 ; Q6FG61 ; B2R9A0 ; B4DNF9
Molecular Weight	20,725 Da
NCBI Official Full Name	cyclin-dependent kinase 4

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

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/cdk4-antibody-immunohistochemistry-elisa/174413>