

Rabbit anti-Human, Rat Cyclin Dependent Kinase 4 (CDK4) Polyclonal Antibody | anti-CDK4 antibody

Polyclonal Antibody to Cyclin Dependent Kinase 4 (CDK4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132978	Rabbit	Human, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

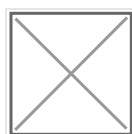
PRODUCT SYNONYMS

Cyclin Dependent Kinase 4 (CDK4); Polyclonal Antibody; Polyclonal Antibody to Cyclin Dependent Kinase 4 (CDK4); anti-CDK4 antibody

PRODUCT SPECIFICATIONS

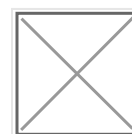
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CDK4. It has been selected for its ability to recognize CDK4 in immunohistochemical staining andwestern blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3,50% glycerol.
Concentration	0.46mg/ml (varies by lot)
Sequence	Ant igen:The target protein is fused with N -terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-YEPVAEIG VGAYGTVYKA RDPHSGHFVA LKSVRVPNGG GGGGGLPIST VREVALLRRL EAFEHPNVVR LMDVCATSRT DREIKVTLVF EHVQDLRTY LDKAPPPGLP AETIKDLMRQ FLRGLDFLHA NCIVHRDLKP ENILVTSGGT VKLADFLAR IYSYQMALTP VVTLWYRAP EVLLQSTYAT PVDMWVSGCI FAEMFRRKPL FCGNSEADQL GKIFDLIGLP PEDDWPRDVS LPRGAFPPRG PRPVQSVVPE MEESGAQLLL EMLTFNPHKR ISAFRALQHS YL
Sequence Length	303
Applicable Applications for anti-CDK4 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant CDK4 (Tyr6~Leu295) expressed in E.coli.
Cross Reactivity	Human, Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HeLa cell lysate;;Lane 2: CDK4 knockout HeLa cell lysate;;Predicted MW: 33kDa ;Observed MW: 33kDa;Primary Ab: 1ug/ml Rabbit Anti-Human CDK4 Ab;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



IHC (Immunohistochemistry)

DAB staining on IHC-P. Samples: Human Tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant CDK4, Human.

**WB (Western Blot)**

Western Blot: Sample: Rat Kidney Tissue.

ADDITIONAL INFORMATION**Product Categories/Family for anti-CDK4 antibody**[Knock-Out Validation Antibody](#)**NCBI AND UNIPROT INFORMATION**

NCBI GI #	4502735
NCBI GeneID	1019
NCBI Accession #	NP_000066.1
NCBI GenBank Nucleotide #	NM_000075.3
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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