

Product datasheet for **TA355441**

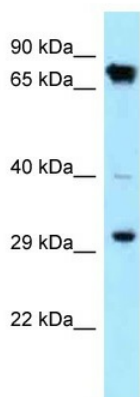
CDK4 Rabbit Polyclonal Antibody

Product data:

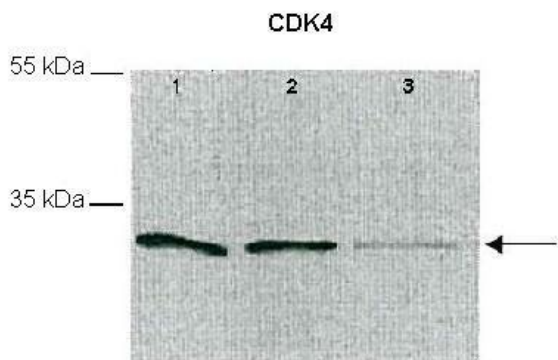
Product Type:	Primary Antibodies
Applications:	IHC, IP, WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Pig, Rabbit, Rat, Sheep Homology: Cow: 75%; Dog: 83%; Guinea Pig: 83%; Horse: 83%; Human: 100%; Pig: 92%; Rabbit: 83%; Rat: 83%; Sheep: 75%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	34kDa
Gene Name:	cyclin-dependent kinase 4
Database Link:	NP_000066 Entrez Gene 1019 Human P11802
Background:	Cdk4 is probably involved in the control of the cell cycle.
Synonyms:	CMM3; MGC14458; PSK-J3
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Bladder cancer, Cell cycle, Chronic myeloid leukemia, Glioma, Melanoma, Non-small cell lung cancer, p53 signaling pathway, Pancreatic cancer, Pathways in cancer, Small cell lung cancer, T cell receptor signaling pathway, Tight junction



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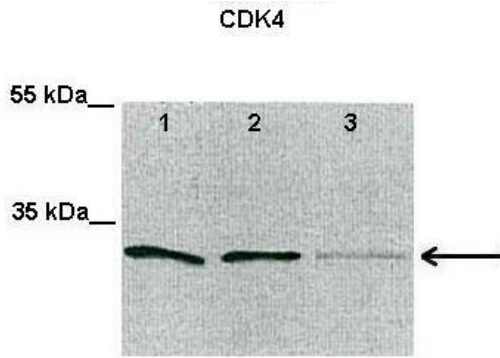
Product images:


WB Suggested Anti-CDK4 Antibody
 Titration: 1.0 ug/ml
 Positive Control: HepG2 Whole Cell



See Immunoblot 2 Data and Customer Feedback for more information

Lanes:
 1. 30 ug human HCT116 cell lysate
 2. 30 ug genotoxic treated human HCT116 cell lysate
 3. 30 ug genotoxic treated human HCT116 cell lysate
 Primary Antibody Dilution:
 1:2000
 Secondary Antibody:
 Anti-rabbit HRP
 Secondary Antibody Dilution:
 1:5000
 Gene Name:
 CDK4
 Submitted by:
 Anke Rauch & Dr. Oliver Kramer, Institute for
 Biochemistry and Biophysics, Friedrich-schiller
 University Jena
 CDK4 is supported by BioGPS gene expression
 data to be expressed in HCT116



See Immunoblot 3 Data and Customer Feedback for more information

Lanes:

Lane1: 30 ug untreated human HCT116 cell lysate

Lane2-3: 30 ug genotoxic agent treated human HCT116 cell lysate

Primary Antibody Dilution:

1:2000

Secondary Antibody:

Anti-rabbit HRP

Secondary Antibody Dilution:

1:5000

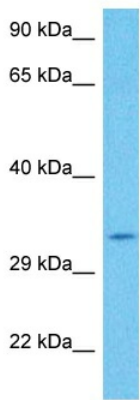
Gene Name:

CDK4

Submitted by:

Anke Rauch & Dr. Oliver Kramer, Institute for Biochemistry and Biophysics, Center for Molecular Biomedicine, Friedrich-Schiller University Jena

CDK4 is supported by BioGPS gene expression data to be expressed in HCT116



Host: Rabbit

Target Name: CDK4

Sample Type: A549 Cell Lysate

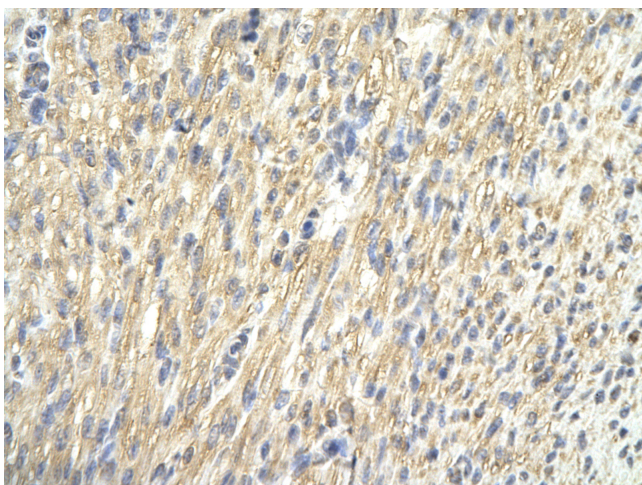
Antibody Dilution: 1.0µg/ml

Host: Rabbit

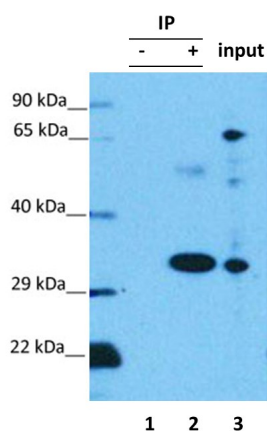
Target Name: CDK4

Sample Tissue: Human A549 Whole Cell

Antibody Dilution: 1ug/ml



Rabbit Anti-CDK4 antibody
 Catalog Number: TA355441
 Paraffin Embedded Tissue: Human Heart cell
 Cellular Data: Epithelial cells of renal tubule
 Antibody Concentration: 4.0-8.0 ug/ml
 Magnification: 400X



Lysate: HEK293 2mg
 IP: CDK4 2ug
 Detection: CDK4 3ug/ml

CDK4 was immunoprecipitated from 2 mg HEK293 Whole Cell Lysate with TA355441 with 1:200 dilution. Western blot was performed using TA355441 at 1/1000 dilution.
 Lane 1: Control IP in HEK293 Whole Cell Lysate.
 Lane 2: CDK4 IP with TA355441 in HEK293 Whole Cell Lysate.
 Lane 3: Input of HEK293 Whole Cell Lysate.