

Rabbit Cdk7 Polyclonal Antibody | anti-CDK7 antibody

Anti-Cdk7 antibody

CATALOG # AAA45395	HOST Rabbit	REACTIVITY Human, Rat, Mouse	APPLICATIONS Western Blot
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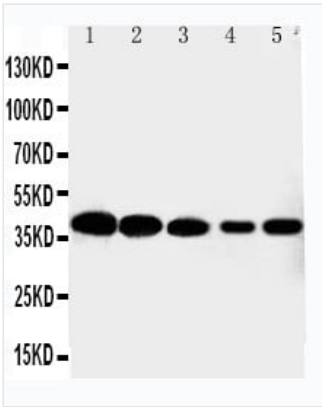
PRODUCT SYNONYMS

Cdk7; Polyclonal Antibody; Anti-Cdk7 antibody; Cyclin-dependent kinase 7; cyclin-dependent kinase 7; 39 kDa protein kinase antibody; CAK antibody; CAK1 antibody; Cdk activating kinase antibody; CDK-activating kinase 1 antibody; CDK-activating kinase antibody; cdk7 antibody; CDK7_HUMAN antibody; CDKN7 antibody; Cell division protein kinase 7 antibody; Cyclin dependent kinase 7 antibody; cyclin-dependent kinase 7(MO15 homolog; Xenopus laevis; cdk-activating kinase) antibody; Cyclin-dependent kinase 7 antibody; HCAK antibody; Homolog of Xenopus MO15 Cdk activating kinase antibody; Kinase subunit of CAK antibody; MO15 antibody; MO15; Xenopus; homolog of antibody; P39 Mo15 antibody; p39MO15 antibody; Serine threonine kinase Stk1 antibody; Serine/threonine protein kinase 1 antibody; Serine/threonine protein kinase MO15 antibody; STK1 antibody; TFIIF basal transcription factor complex kinase subunit antibody; anti-CDK7 antibody

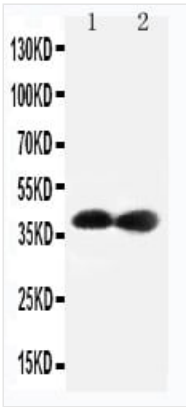
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	346
Applicable Applications for anti-CDK7 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Cdk7 (329-346aa RKRTALEQGGLPKKLIF), different from the related rat and mouse sequences by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-Cdk7 antibody, AAA45395, Western blottingLane 1: HELA Cell LysateLane 2: MCF-7 Cell LysateLane 3: A549 Cell LysateLane 4: COLO320 Cell LysateLane 5: JURKAT Cell Lysate



WB (Western Blot)
Anti-Cdk7 antibody, AAA45395, Western blottingLane 1: Rat Testis Tissue LysateLane 2: Rat Ovary Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CDK7 antibody	Description: Rabbit IgG polyclonal antibody for Cyclin-dependent kinase 7(CDK7) detection. Tested with WB in Human, Rat, Mouse. Background: Cyclin-dependent kinase 7, also known as cell division protein kinase 7, is an enzyme that in humans is encoded by the CDK7 gene. The protein encoded by this gene is a member of the cyclin-dependent protein kinase(CDK) family. The gene was assigned to human chromosome 5q13.2. Serine/threonine kinase involved in cell cycle control and in RNA polymerase II-mediated RNA transcription. CDK7 is the catalytic subunit of the CDK-activating kinase(CAK) complex. It is required for DNA-bound peptides-mediated transcription and cellular growth inhibition.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1705722
NCBI GeneID	1022
UniProt Accession #	P50613; Q9BS60; Q9UE19
Molecular Weight	39,038 Da
NCBI Official Full Name	Cyclin-dependent kinase 7
NCBI Official Synonym Full Names	cyclin-dependent kinase 7
NCBI Official Symbol	CDK7
NCBI Official Synonym Symbols	CAK1; HCAK; MO15; STK1; CDKN7; p39MO15
NCBI Protein Information	cyclin-dependent kinase 7; CAK; p39 Mo15; protein kinase; 39 KDa protein kinase; kinase subunit of CAK; CDK-activating kinase 1; serine/threonine kinase stk1; cell division protein kinase 7; serine/threonine protein kinase 1; serine/threonine-protein kinase 1; serine/threonine protein kinase MO15; homolog of Xenopus MO15 Cdk-activating kinase; TFIIH basal transcription factor complex kinase subunit; cyclin-dependent kinase 7 (MO15 homolog, Xenopus laevis, cdk-activating kinase)
UniProt Protein Name	Cyclin-dependent kinase 7
UniProt Gene Name	CDK7
UniProt Synonym Gene Names	CAK; CAK1; CDKN7; MO15; STK1; p39 Mo15
UniProt Entry Name	CDK7_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.

