

Rabbit anti-Human, Mouse CDK7 Polyclonal Antibody | anti-CDK7 antibody

Rabbit anti-CDK7 (pT170) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220627	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

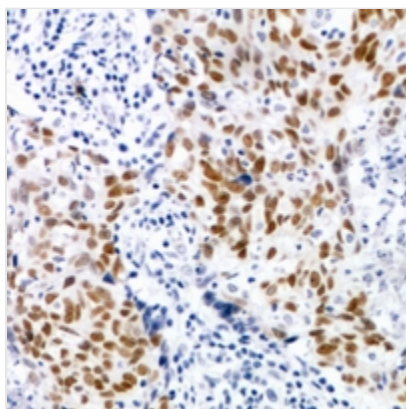
PRODUCT SYNONYMS

CDK7; Polyclonal Antibody; Rabbit anti-CDK7 (pT170) Antibody; CAK; CAK1; CDKN7; MO15; STK1; Cyclin-dependent kinase 7; 39 kDa protein kinase; p39 Mo15; CDK-activating kinase 1; Cell division protein kinase 7; Serine/threonine-protein kinase 1; TFIIF basal transcription factor complex kinase subunit; anti-CDK7 antibody

PRODUCT SPECIFICATIONS

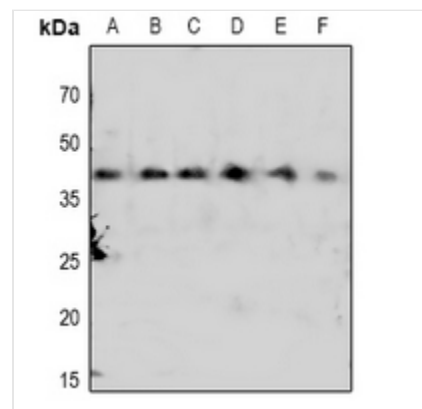
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CDK7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CDK7. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of CDK7 (pT170) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CDK7 (pT170) expression in HeLa (A), HEK293T (B), A549 (C), MCF7 (D), Raw264.7 (E), mouse spleen (F) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CDK7 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502743
NCBI GeneID	1022
NCBI Accession #	NP_001790.1
NCBI GenBank Nucleotide #	NM_001799.3
UniProt Accession #	P50613; Q03147
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 kina
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cdk7-antibody-immunohistochemistry-western-blot-elisa/220627>