

Datasheet for ABIN2792153
anti-CDK7 antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	CDK7
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CDK7
Sequence:	NRPGPTPGCQ LPRPNCPVET LKEQSNPALA IKRKRTEALE QGGLPKKLIF
Predicted Reactivity:	Cow: 100%, Dog: 94%, Guinea Pig: 94%, Horse: 100%, Human: 100%, Mouse: 88%, Pig: 100%, Rat: 88%
Characteristics:	This is a rabbit polyclonal antibody against CDK7. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CDK7
Alternative Name:	CDK7 (CDK7 Products)

Target Details

Background:	<p>Cdk7 is the catalytic subunit of the CDK-activating kinase (CAK) complex, a serine-threonine kinase. CAK activates the cyclin-associated kinases CDC2/CDK1, CDK2, CDK4 and CDK6 by threonine phosphorylation. CAK complexed to the core-TFIIF basal transcripti</p> <p>Alias Symbols: CAK1, CDKN7, MO15, STK1, p39MO15, HCAK</p> <p>Protein Interaction Partner: UBC, RPA3, RPA2, RPA1, GTF2H4, GTF2H3, GTF2H2, GTF2H1, ERCC5, ERCC3, ERCC2, CDK7, CCNH, ATP2B4, A2M, GTF2H5, SRPK2, SRPK1, MNAT1, TP53, CDK2, CTD, MBP, CDK1, CCNB1, CCNA2, Dlg4, UVSSA, HSP90AA1, HSD17B4, HLA-DQA1, SUPT5H, POLR2A, GTF2E2, GTF2E1, CDK9, APP</p> <p>Protein Size: 346</p>
Molecular Weight:	39 kDa
Gene ID:	1022
NCBI Accession:	NM_001799 , NP_001790
UniProt:	P50613
Pathways:	Cell Division Cycle , DNA Damage Repair , Intracellular Steroid Hormone Receptor Signaling Pathway , Mitotic G1-G1/S Phases , M Phase

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 346 AA
Restrictions:	For Research Use only

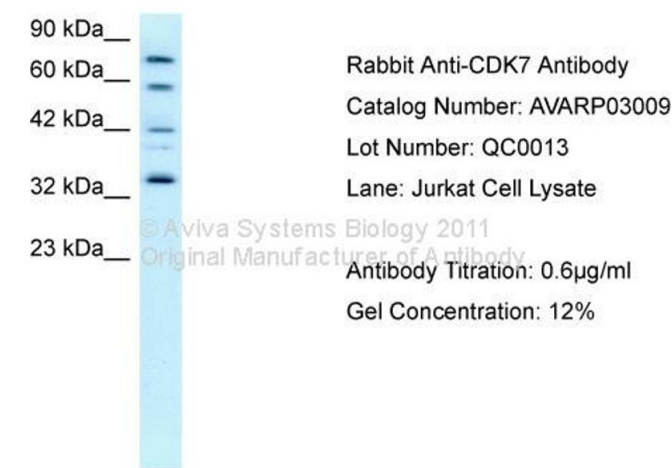
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

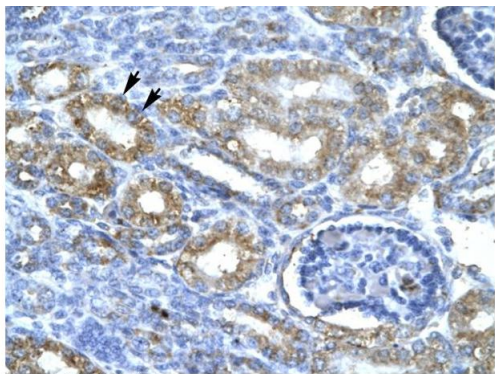
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

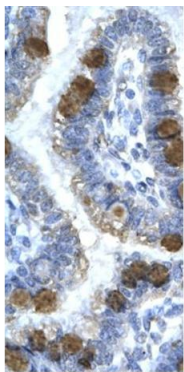
Image 1.



Rabbit Anti-CDK7 Antibody
Catalog Number: AVARP03009
Lot Number: QC0013
Paraffin Embedded Tissue: Human Kidney
Cells with Positive label: Epithelial cells of renal tubule(Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2.



Rabbit Anti-CDK7 Antibody
Catalog Number: AVARP0300
Lot Number: QC0013
Paraffin Embedded Tissue: Hui
Cells with Positive label: Epith
Antibody Concentration: 4.0-8
Magnification: 400X

Immunohistochemistry

Image 3.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2792153.