

Product datasheet for **TA330354**

CDK7 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CDK7 antibody: synthetic peptide directed towards the C terminal of human CDK7. Synthetic peptide located within the following region: NRPGTPGCQLPRPNCVPVETLKEQSNPALAIKRKRTEALEQGGLPKKLIF
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>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	39 kDa
Gene Name:	cyclin-dependent kinase 7
Database Link:	NP_001790 Entrez Gene 1022 Human P50613
Background:	The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of <i>Saccharomyces cerevisiae cdc28</i> , and <i>Schizosaccharomyces pombe cdc2</i> , and are known to be important regulators of cell cycle progression. This protein forms a trimeric complex with cyclin H and MAT1, which functions as a Cdk-activating kinase (CAK). It is an essential component of the transcription factor TFIIH, that is involved in transcription initiation and DNA repair. This protein is thought to serve as a direct link between the regulation of transcription and the cell cycle. [provided by RefSeq, Jul 2008]



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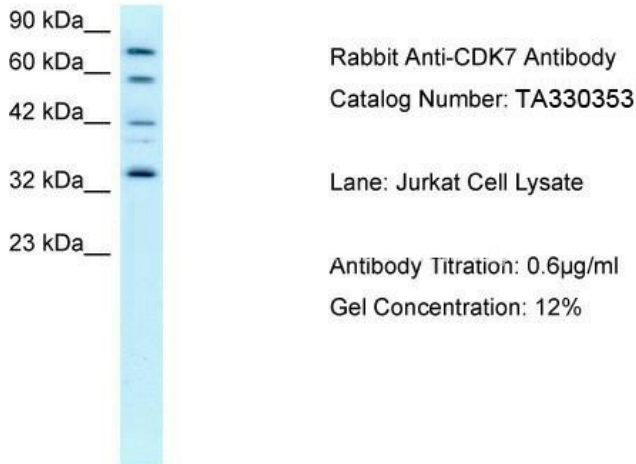
Synonyms: CAK1; CDKN7; HCAK; MO15; p39MO15; STK1

Note: Immunogen sequence homology: Bovine: 100%; Horse: 100%; Human: 100%; Pig: 100%; Dog: 94%; Guinea pig: 94%; Mouse: 88%; Rat: 88%

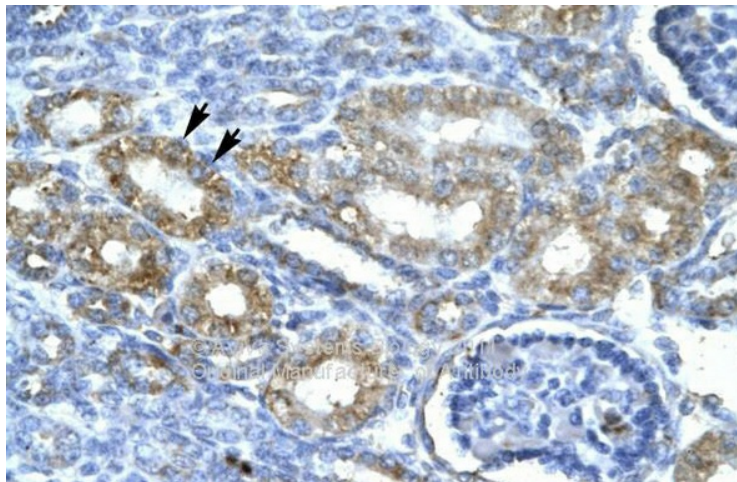
Protein Families: Druggable Genome, Protein Kinase, Stem cell - Pluripotency, Transcription Factors

Protein Pathways: Cell cycle, Nucleotide excision repair

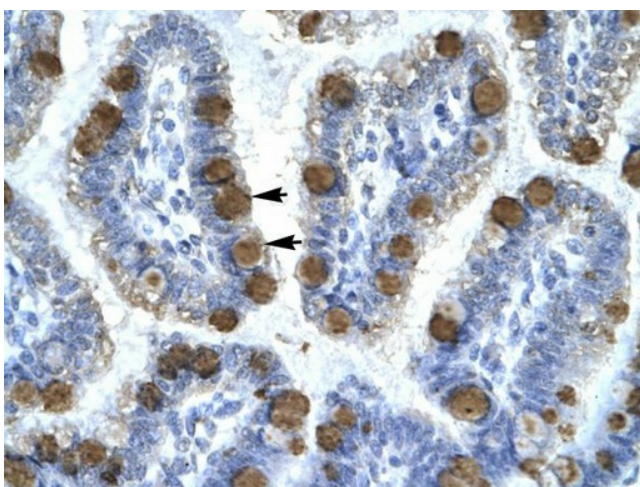
Product images:



WB Suggested Anti-CDK7 Antibody Titration: 1ug/ml; Positive Control: Jurkat cell lysate



Human Intestine



Human kidney