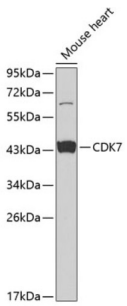
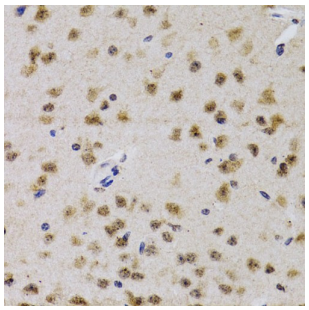
Cyclin-Dependent Kinase 7 (CDK7) Antibody

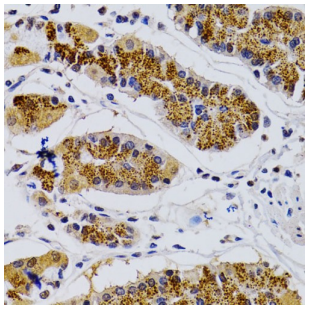
Catalogue No.:abx001421



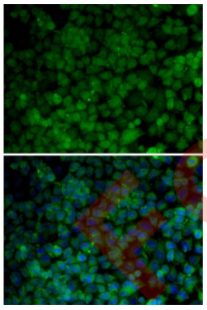
Western blot analysis of extracts of Mouse heart using CDK7 Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded Mouse brain using CDK7 Antibody (1/200 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human stomach using CDK7 Antibody (1/200 dilution, 40x lens).



Immunofluorescence analysis of HeLa cells using CDK7 Antibody

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CDK7 Antibody is a Rabbit Polyclonal antibody against CDK7. 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 Saccharomyces cerevisiae cdc28, and Schizosaccharomyces pombe cdc2, 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.

Target: Cyclin-Dependent Kinase 7 (CDK7)

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Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human CDK7
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P50613 (UniProt, ExPASy)
Gene Symbol:	CDK7
GeneID:	1022
NCBI Accession:	NP_001790.1
KEGG:	hsa:1022
String:	9606.ENSP00000256443
Molecular Weight:	Calculated MW: 39 kDa Observed MW: 43 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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