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anti-CDK7 antibody





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Quantity:	200 μL
Target:	CDK7
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant fusion protein of human CDK7 (NP_001790.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification
Target Details	
Target:	CDK7
Alternative Name:	CDK7 (CDK7 Products)
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 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

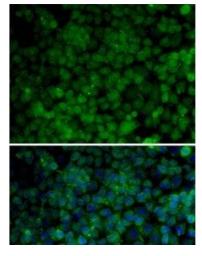
Target Details

	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.
Molecular Weight:	Observed_MW: 43 kDa Calculated_MW: 39 kDa
Gene ID:	1022
UniProt:	P50613
Pathways:	Cell Division Cycle, DNA Damage Repair, Intracellular Steroid Hormone Receptor Signaling Pathway, Mitotic G1-G1/S Phases, M Phase

Application Details

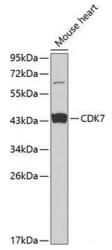
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Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



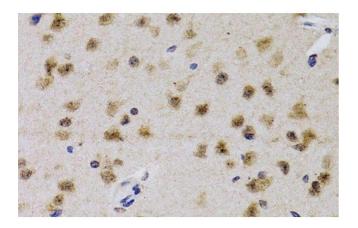
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using CDK7 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of Mouse heart using CDK7 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Mouse brain using CDK7 Polyclonal Antibody at dilution of 1:200 (40x lens).

Please check the product details page for more images. Overall 4 images are available for ABIN7259474.