

For Research Use Only

CDK7 Polyclonal antibody

Catalog Number: 27027-1-AP **3 Publications**



Basic Information

Catalog Number: 27027-1-AP	GenBank Accession Number: BC005298	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1022	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	Full Name: cyclin-dependent kinase 7	
Isotype: IgG	Calculated MW: 39 kDa	
Immunogen Catalog Number: AG25726	Observed MW: 39 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : HepG2 cells, MCF-7 cells, mouse embryo tissue
Species Specificity: human, mouse	IHC : human breast cancer tissue,
Cited Species: human, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Zhe Yang	36229075	Genes Dev	WB
Xiaobin Fei	36439418	Front Oncol	WB
Chen-Song Huang	34405985	ACS Nano	WB

Storage

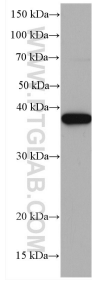
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

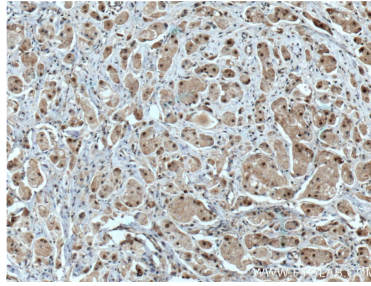
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

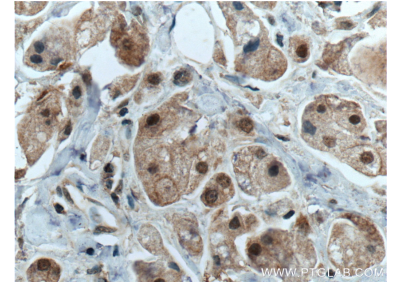
Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 27027-1-AP (CDK7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 27027-1-AP (CDK7 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 27027-1-AP (CDK7 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).