

For Research Use Only

CDK8 Polyclonal antibody

Catalog Number: 22067-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

22067-1-AP

Concentration:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17148

GenBank Accession Number:

BC069634

GeneID (NCBI):

1024

UNIPROT ID:

P49336

Full Name:

cyclin-dependent kinase 8

Calculated MW:

464 aa, 53 kDa

Observed MW:

53 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

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

Positive Controls:

WB : HEK-293 cells, HeLa cells, NIH/3T3 cells, mouse embryo tissue

IHC : human stomach cancer tissue, human testis tissue

IF/ICC : NIH/3T3 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Emily M Schleicher	33137164	PLoS Genet	WB
Lindsey M Jackson	34871431	Nucleic Acids Res	WB
M Li	37874495	Bull Exp Biol Med	WB,IHC

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

For technical support and original validation data for this product please contact:

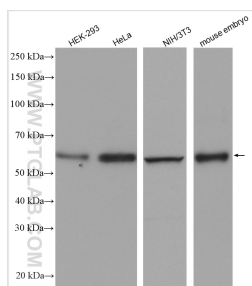
T: 4006900926

E: Proteintech-CN@ptglab.com

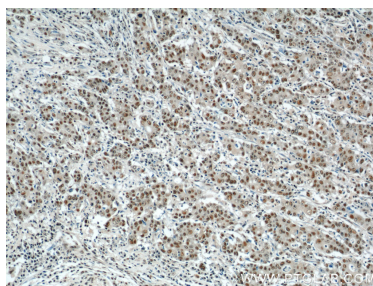
W: ptgcn.com

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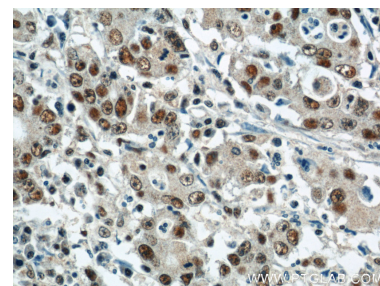
Selected Validation Data



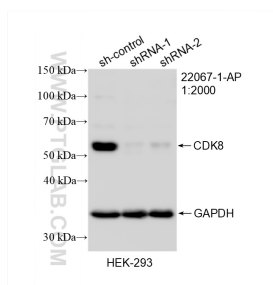
Various lysates were subjected to SDS PAGE followed by western blot with 22067-1-AP (CDK8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



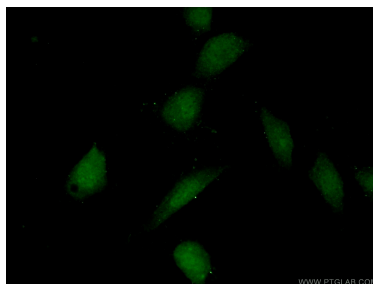
Immunohistochemical analysis of paraffin-embedded human stomach cancer using 22067-1-AP (CDK8 antibody) at dilution of 1:50 (under 10x lens).



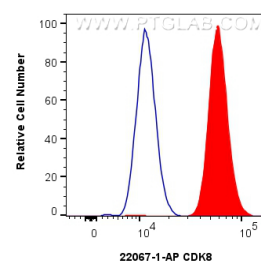
Immunohistochemical analysis of paraffin-embedded human stomach cancer using 22067-1-AP (CDK8 antibody) at dilution of 1:50 (under 40x lens).



WB result of CDK8 antibody (22067-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CDK8 transfected HEK-293 cells.



Immunofluorescent analysis of (10% Formaldehyde) fixed NIH/3T3 cells using 22067-1-AP (CDK8 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 NIH/3T3 cells were intracellularly stained with 0.25 μ g CDK8 Polyclonal antibody (22067-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 μ g Rabbit IgG control Rabbit PolyAb (30000-O-AP) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).