

For Research Use Only

CDCA3 Polyclonal antibody

Catalog Number: 15594-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number: 15594-1-AP	GenBank Accession Number: BC002551	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 83461	Recommended Dilutions: IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q99618	
Isotype: IgG	Full Name: cell division cycle associated 3	
Immunogen Catalog Number: AG7951	Calculated MW: 29 kDa	

Applications

Tested Applications: IF, IHC, ELISA	Positive Controls:
Cited Applications: WB, IF, IHC, CoIP	IHC : human breast cancer tissue, human liver cancer tissue
Species Specificity: human	IF : HeLa cells,
Cited Species: human	
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

CDCA3, also named C8, GRCC8, and TOME1, is an F-box-like protein required for entry into mitosis. It acts by participating in E3 ligase complexes that mediate the ubiquitination and degradation of WEE1 kinase at the G2/M phase.

Notable Publications

Author	Pubmed ID	Journal	Application
Yuanyuan Bai	36213833	J Oncol	WB,IF
Dexin Shen	33980246	Cancer Cell Int	IHC
Xueying Wang	34103682	Oncogene	WB

Storage

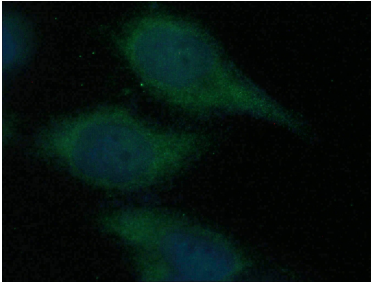
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

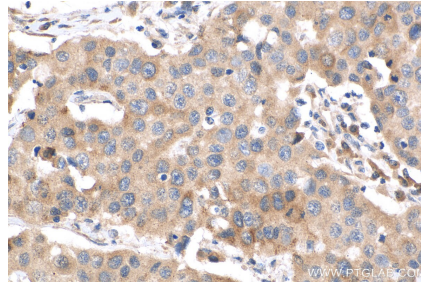
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

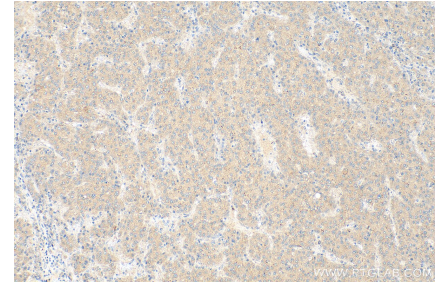
Selected Validation Data



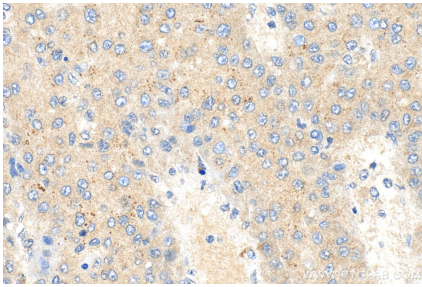
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 15594-1-AP (CDCA3 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15594-1-AP (CDCA3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15594-1-AP (CDCA3 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 liver cancer tissue slide using 15594-1-AP (CDCA3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).