

PSF2 Polyclonal antibody

Catalog Number: 16247-1-AP

Featured Product

11 Publications

Basic Information

Catalog Number: 16247-1-AP	GenBank Accession Number: BC010164	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 387 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51659	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: GINS complex subunit 2 (Psf2 homolog)	
Isotype: IgG	Calculated MW: 185 aa, 21 kDa	
Immunogen Catalog Number: AG9180	Observed MW: 25 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, WB	WB : Jurkat cells, HeLa cells, HepG2 cells
Species Specificity: human, mouse, rat	IHC : human pancreas cancer tissue,
Cited Species: human, mouse	IF : HepG2 cells,
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

GINS2, also named as DNA replication complex GINS protein PSF2, CGI-122, DC5, or HSPC037, is a 185 amino acid protein, which belongs to the GINS2/PSF2 family. The GINS complex plays an essential role in the initiation of DNA replication, and progression of DNA replication forks. GINS complex seems to bind preferentially to single-stranded DNA. GINS2 is a part of the the GINS complex, an integral component of the replicative helicase machinery that facilitates progression of the replisome complex.

Notable Publications

Author	Pubmed ID	Journal	Application
Radosław Szmyd	30190546	Oncogene	WB
Xiaohua Xu	27587400	J Biol Chem	WB
Matilde I. Conte	36345943	JCI Insight	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.

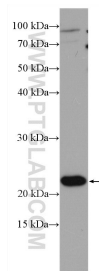
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

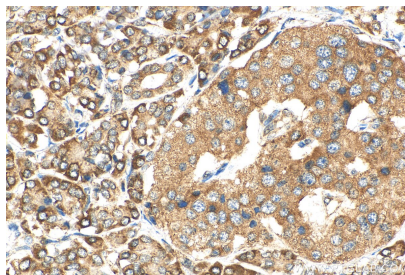
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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

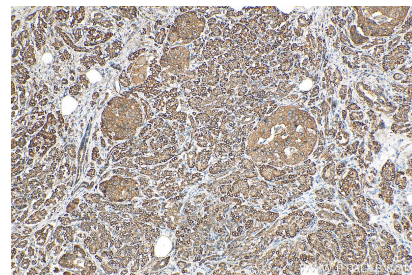
Selected Validation Data



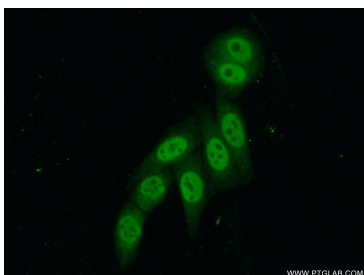
Jurkat cells were subjected to SDS PAGE followed by western blot with 16247-1-AP (PSF2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 16247-1-AP (PSF2 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 pancreas cancer tissue slide using 16247-1-AP (PSF2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 16247-1-AP (PSF2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).