

For Research Use Only

C16orf74 Polyclonal antibody

Catalog Number: 30246-1-AP

1 Publications



Basic Information

Catalog Number: 30246-1-AP	GenBank Accession Number: BC009078	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 ug/ml by Nanodrop;	GeneID (NCBI): 404550	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96GX8	
Isotype: IgG	Full Name: chromosome 16 open reading frame 74	
Immunogen Catalog Number: AG32878	Observed MW: 15 - 20 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB	WB : BxPC-3 cells, SW 1990 cells
Species Specificity: human	IHC : human pancreas 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

The C16orf74 has been reported associated with tumor necrosis factor (TNF)-alpha as well as hypoxic condition. Moreover, several reports have indicated that C16orf74 expression is a potential prognostic factor in several types of cancer. The results of several genome-wide studies have indicated that C16orf74 is involved in inflammatory processes. C16orf74 is overexpressed in the vast majority of human PDAC (Clinical outcome of pancreatic ductal adenocarcinoma), and likely plays a significant role in pancreatic cell growth and invasion through its interaction with PPP3CA.

Notable Publications

Author	Pubmed ID	Journal	Application
Lei Huang	37745491	bioRxiv	WB

Storage

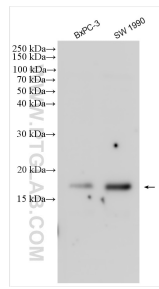
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

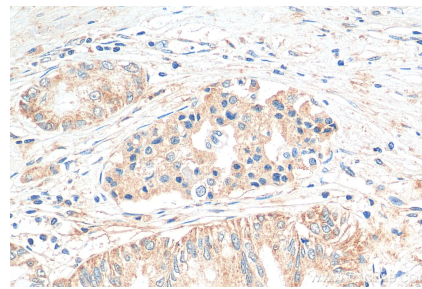
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30246-1-AP (C16orf74 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 30246-1-AP (C16orf74 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).