

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: 700 µg/ml	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: WB : BxPC-3 cells, SW 1990 cells IHC : human pancreas cancer tissue,
Cited Applications: WB	
Species Specificity: Human	
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

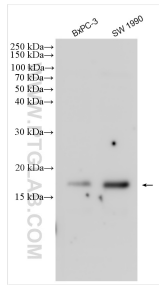
Storage

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

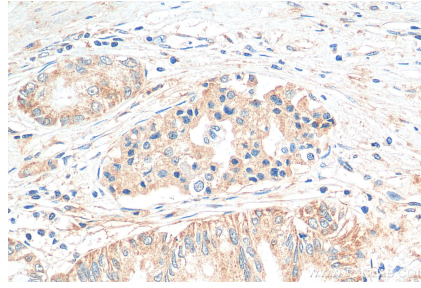
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

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).