

For Research Use Only

# C16orf74 Polyclonal antibody

Catalog Number: 30246-1-AP



## Basic Information

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

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : BxPC-3 cells, SW 1990 cells IHC : human pancreas cancer tissue,
<b>Species Specificity:</b> Human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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.

## Storage

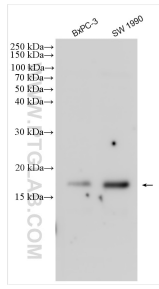
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

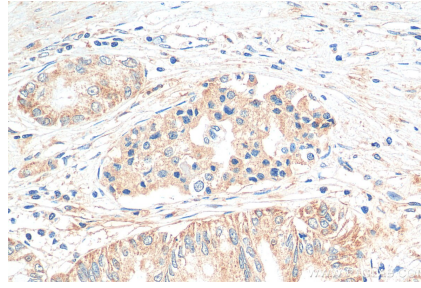
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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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).