

For Research Use Only

# TRAPPC11 Polyclonal antibody

Catalog Number: 27774-1-AP



## Basic Information

<b>Catalog Number:</b> 27774-1-AP	<b>GenBank Accession Number:</b> BC022185	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 60684	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q7Z392	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 4 open reading frame 41	
<b>Immunogen Catalog Number:</b> AG27096	<b>Observed MW:</b> 129 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IP, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> HeLa cells, U2OS cells, mouse brain tissue, rat brain tissue
<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>	<b>IP :</b> HeLa cells,
	<b>IHC :</b> human intrahepatic cholangiocarcinoma tissue,

## Background Information

TRAPPC11 is a subunit of the TRAPP (transport protein particle) tethering complex, which functions in intracellular vesicle trafficking. This subunit is involved in early stage endoplasmic reticulum-to-Golgi vesicle transport. Mutations in TRAPPC11 result in neuromuscular and developmental phenotypes.

## 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

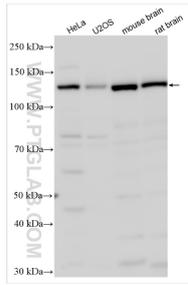
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

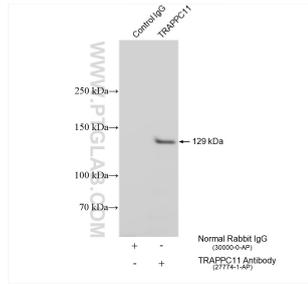
E: proteintech@ptglab.com  
W: ptglab.com

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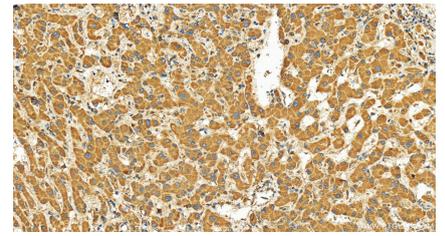
## Selected Validation Data



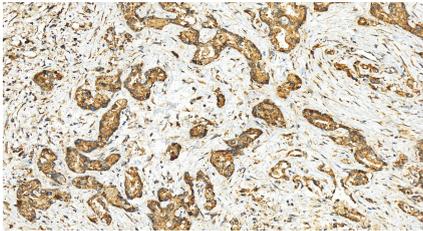
Various lysates were subjected to SDS PAGE followed by western blot with 27774-1-AP (TRAPPC11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-TRAPPC11 (IP:27774-1-AP, 4ug; Detection:27774-1-AP 1:500) with HeLa cells lysate 1320 ug.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 27774-1-AP (TRAPPC11 antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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