

For Research Use Only

# TMEM98 Polyclonal antibody

Catalog Number: 14731-1-AP

Featured Product

6 Publications



## Basic Information

### Catalog Number:

14731-1-AP

### Size:

150ul, Concentration: 300 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6492

### GenBank Accession Number:

BC000526

### GeneID (NCBI):

26022

### Full Name:

transmembrane protein 98

### Calculated MW:

25 kDa

### Observed MW:

21-25 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:300-1:1000 for WB

IHC 1:50-1:500

## Applications

### Tested Applications:

IHC, IP, WB, ELISA

### Cited Applications:

CoIP, IF, IHC, WB

### Species Specificity:

human, mouse

### 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**

### Positive Controls:

WB: mouse E12.5 embryos,

IP: Y79 cells,

IHC: mouse embryo tissue,

## Background Information

TMEM98, also named as TADA1, composed of 226 amino acid residues, is a potential single-pass transmembrane protein. It is expressed in both nucleus and cytoplasm. TMEM98 was found to be over-expressed in most of the hepatocellular carcinoma tissue. TMEM98 is not only a prognostic marker for patients with hepatocellular carcinoma but also a novel molecular target associated with intrinsic and acquired chemoresistance of hepatocellular carcinoma (PMID: 24608572).

## Notable Publications

Author	Pubmed ID	Journal	Application
Jingjia Li	33257597	Aging (Albany NY)	WB
Sarah J Garnai	31048900	PLoS Genet	IF
San-Gang Wu	35866395	Front Biosci (Landmark Ed)	WB, IHC

## 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

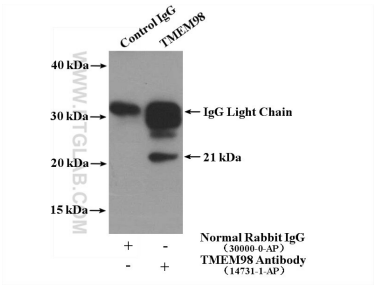
For technical support and original validation data for this product please contact:

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

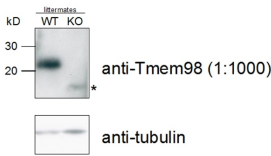
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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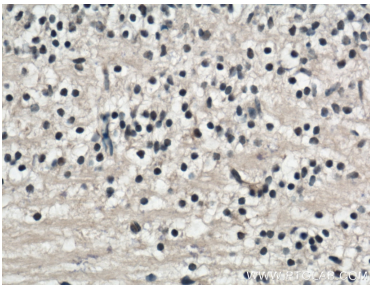
Selected Validation Data



IP result of anti-TMEM98 (IP:14731-1-AP, 4ug; Detection:14731-1-AP 1:300) with Y79 cells lysate 2400 ug.



WB result of anti-TMEM98(14731-1-AP) in WT and KO mouse (10 ug of total protein lysate from E12.5 embryos) by Dr. Sally H. Cross.



Immunohistochemical analysis of paraffin-embedded mouse embryo tissue slide using 14731-1-AP (TMEM98 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).