For Research Use Only

TMEM98 Polyclonal antibody

Catalog Number:14731-1-AP Featured Product 8 Publications

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Basic Information

Catalog Number:
14731-1-AP

Size:
300 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG6492

GenBank Accession Number:
BC000526

GeneID (NCBI):
26022

UNIPROT ID:
Q9Y2Y6

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 ug for 1.0-3.0 mg of total protein lysate
IHC 1:50-1:500

Applications

Tested Applications:
WB, IP, IHC, ELISA

Cited Applications:
WB, IHC, IF, CoIP

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 expression in both nucleus and cytoplasm. TMEM98 was found to be over-expressed in most of the hepatocellular carcinoma tissue. MEM98 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

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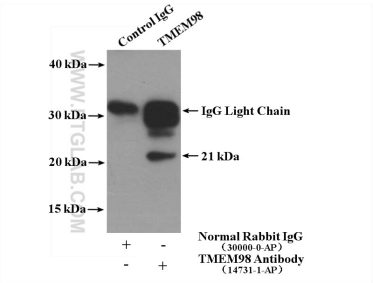
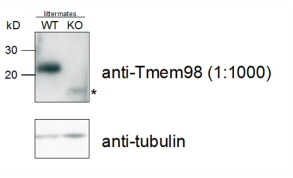
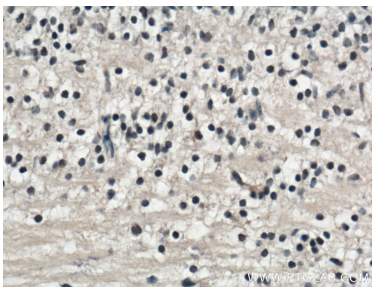
Selected Validation Data



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).