

For Research Use Only

TCEAL7 Polyclonal antibody

Catalog Number: 11218-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

11218-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1715

GenBank Accession Number:

BC016786

GeneID (NCBI):

56849

UNIPROT ID:

Q9BRU2

Full Name:

transcription elongation factor A (SII)-like 7

Calculated MW:

12 kDa

Observed MW:

12 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human

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 : human liver tissue, A549 cells

IHC : human ovary tumor tissue, human gliomas tissue

Background Information

TCEAL7 is a transcription regulatory factor that has a role in the negative regulation of NF-kappa-B signaling at the basal level by regulating transcriptional activity of NF-kappa-B on its target gene promoters. It can associate with cyclin D1 promoter containing Myc E-box sequence and transcriptionally represses cyclin D1 expression. In addition, TCEAL7 regulates telomerase reverse transcriptase expression and telomerase activity in both ALT (alternative lengthening of telomeres) and telomerase-positive cell lines

Notable Publications

Author	Pubmed ID	Journal	Application
Huang Chun-yu CY	23372750	PLoS One	WB, IHC
Xilin Liu	33430878	Cancer Cell Int	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:

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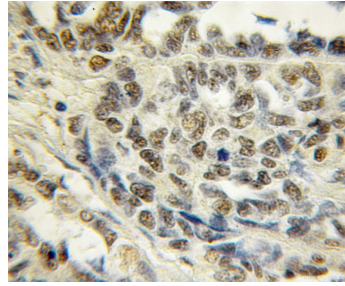
W: ptgcn.com

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Selected Validation Data



human liver tissue were subjected to SDS PAGE followed by western blot with 11218-1-AP (TCEAL7 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 11218-1-AP (TCEAL7 antibody) at dilution of 1:50 (under 40x lens).