

For Research Use Only

TCEAL7 Polyclonal antibody

Catalog Number: 11218-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

11218-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

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:

WB, IHC, 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

*** 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)

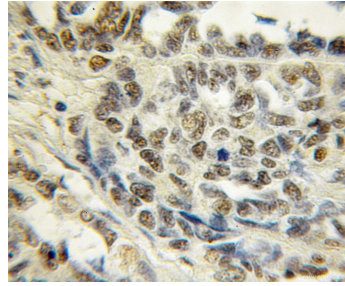
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).