

For Research Use Only

TEAD2 Polyclonal antibody

Catalog Number: 21159-1-AP

Featured Product

11 Publications



Basic Information

Catalog Number:

21159-1-AP

Size:

150ul, Concentration: 450 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14074

GenBank Accession Number:

BC051301

GeneID (NCBI):

8463

UNIPROT ID:

Q15562

Full Name:

TEA domain family member 2

Calculated MW:

447 aa, 49 kDa

Observed MW:

55-65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, ChIP

Species Specificity:

human, mouse

Cited Species:

human, rat, mouse

Positive Controls:

WB : mouse colon tissue, mouse lung tissue

Background Information

TEAD2 belongs to a protein family that share the TEA/ATTS domain. It acts as a transcriptional factor by cooperatively binding to the GT-IIIC and Sph(I 1 II) enhancers in the simian virus 40 (SV40) enhancer. Also it can modulate SV40 late transcription together with large T antigen. The transcriptional activity of TEAD2 required several regions of the proteins, a TBP-associated factors and a limiting transcriptional intermediary factors. TEAD2 also preforms an essential role in the Hippo signaling pathway. TEAD2 regulates gene expression of YAP1 and WWTR1/TAZ, thus mediating cell proliferation, migration and epithelial mesenchymal transition induction. TEAD2 is strongly expressed in human ovarian carcinoma cell line.

Notable Publications

Author	Pubmed ID	Journal	Application
Xinxin Ren	34737608	Int J Gen Med	WB
Yu Zuo	32236631	Oncol Rep	WB
Xinxin Ren	35077390	Aging (Albany NY)	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

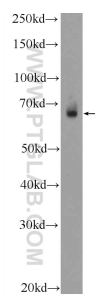
For technical support and original validation data for this product please contact:

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



mouse colon tissue were subjected to SDS PAGE followed by western blot with 21159-1-AP (TEAD2 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.