

For Research Use Only

# TEAD2 Polyclonal antibody

Catalog Number: 21159-1-AP

Featured Product

13 Publications



## Basic Information

### Catalog Number:

21159-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 293 ug/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

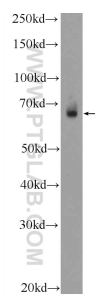
For technical support and original validation data for this product please contact:

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

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## 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.