

For Research Use Only

TEAD1 Polyclonal antibody

Catalog Number: 13283-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number:

13283-1-AP

Size:

150ul, Concentration: 800 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4082

GenBank Accession Number:

BC026959

GeneID (NCBI):

7003

UNIPROT ID:

P28347

Full Name:

TEA domain family member 1 (SV40 transcriptional enhancer factor)

Calculated MW:

426 aa, 47, 9 kDa

Observed MW:

52 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1500

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

mouse, human

Cited Species:

human, rat

Positive Controls:

WB: BGC-823 cells, A375 cells, C2C12 cells

Background Information

TEAD1 belongs to a protein family that share the TEA/ATTS domain. It acts as a transcriptional factor by binding to the GT-IIC 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 TEAD1 required several regions of the proteins, a TBP-associated factors and a limiting transcriptional intermediary factors. TEAD1 also performs an essential role in the Hippo signaling pathway. TEAD1 regulates gene expression of YAP1 and WWTR1/TAZ, thus mediating cell proliferation, migration and epithelial mesenchymal transition induction. TEAD is preferentially expressed in skeletal muscle. Lower levels in pancreas, placenta, and heart.

Notable Publications

Author	Pubmed ID	Journal	Application
Chunli Lin	28892790	Biomed Pharmacother	WB
Jian-Jia Cao	25175178	Oncol Rep	WB
Rina Fujiwara-Tani	32481659	Int J Mol Sci	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

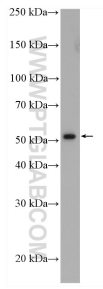
For technical support and original validation data for this product please contact:

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

Selected Validation Data



BGC-823 cells were subjected to SDS PAGE followed by western blot with 13283-1-AP (TEAD1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.