

For Research Use Only

TEAD4 Polyclonal antibody

Catalog Number:12418-1-AP

Featured Product

25 Publications



Basic Information

Catalog Number:

12418-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3059

GenBank Accession Number:

BC015497

GeneID (NCBI):

7004

UNIPROT ID:

Q15561

Full Name:

TEA domain family member 4

Calculated MW:

434 aa, 48 kDa

Observed MW:

50-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:5000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF, IP, CoIP, ChIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : BGC-823 cells, HepG2 cells, MCF-7 cells, MDA-MB-231 cells

Background Information

TEAD4 belongs to a protein family that share the TEA/ATTS domain. The transcriptional activity of TEAD4 required several regions of the proteins, a TBP-associated factor and a limiting transcriptional intermediary factors. TEAD4 also performs an essential role in the Hippo signaling pathway. TEAD4 regulates gene expression of YAP1 and WWTR1/TAZ, thus mediating cell proliferation, migration and epithelial mesenchymal transition induction. The calculated molecular weight of TEAD4 is 48 kDa, but molecular weight of TEAD4 is detected about 50-55 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Yangyang Yao	31559693	J Cell Mol Med	CoIP
Lin Zhao	36194598	Carcinogenesis	WB
Ya Li	34003522	Mol Carcinog	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:

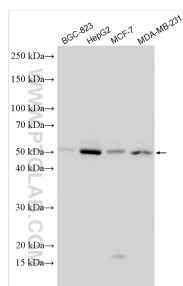
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12418-1-AP (TEAD4 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.