

For Research Use Only

# TEAD4 Polyclonal antibody

Catalog Number: 12418-1-AP

Featured Product

25 Publications



## Basic Information

Catalog Number:

12418-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

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

\*\*\* 20ul sizes contain 0.1% BSA

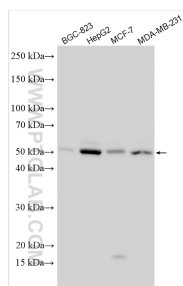
For technical support and original validation data for this product please contact:

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



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.