

For Research Use Only

TEAD4 Polyclonal antibody

Catalog Number: 12418-1-AP **5 Publications**



Basic Information

Catalog Number: 12418-1-AP	GenBank Accession Number: BC015497	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7004	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	Full Name: TEA domain family member 4	
Isotype: IgG	Calculated MW: 434 aa, 48 kDa	
Immunogen Catalog Number: AG3059	Observed MW: 65 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : BGC-823 cells, MCF-7 cells
Cited Applications: CoIP, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

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 65 kDa as same as the result from the paper (PMID: 28051067).

Notable Publications

Author	Pubmed ID	Journal	Application
Yangyang Yao	31559693	J Cell Mol Med	CoIP
Ya Li	34003522	Mol Carcinog	WB
Bowen Hu	33993634	J Cell Mol Med	WB,CoIP

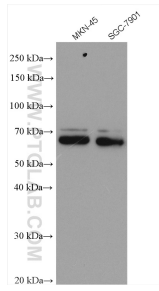
Storage

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: 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



Various lysates were subjected to SDS PAGE followed by western blot with 12418-1-AP (TEAD4 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.