

For Research Use Only

TEAD2 Polyclonal antibody

Catalog Number: 21159-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number: 21159-1-AP	GenBank Accession Number: BC051301	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8463	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: TEA domain family member 2	
Isotype: IgG	Calculated MW: 447 aa, 49 kDa	
Immunogen Catalog Number: AG14074	Observed MW: 55-65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse colon tissue, mouse lung tissue
Cited Applications: ChIP, IHC, WB	
Species Specificity: human, mouse	
Cited Species: human, rat, mouse	

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-IIC and Sph(I 1II) 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 performs 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

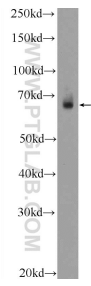
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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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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



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.