

For Research Use Only

TEAD4 Recombinant antibody

Catalog Number: 84932-4-RR



Basic Information

Catalog Number:

84932-4-RR

Size:

1000 μ g/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:

Protein A purification

CloneNo.:

242496B2

Recommended Dilutions:

WB 1:1000-1:4000

IF/ICC 1:250-1:1000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : MDA-MB-231 cells, BGC-823 cells

IF/ICC : HeLa cells,

Background Information

TEAD4 belongs to a protein family that shares the TEA/ATTS domain. The transcriptional activity of TEAD4 required several regions of the proteins, a TBP-associated factor, and a limiting transcriptional intermediary factor. 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 the molecular weight of TEAD4 is detected at about 50-55 kDa.

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:

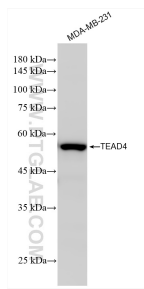
T: 4006900926

E: Proteintech-CN@ptglab.com

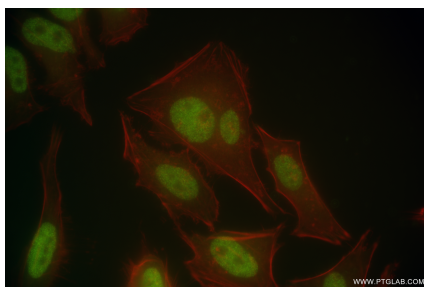
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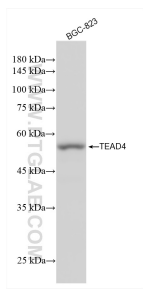
Selected Validation Data



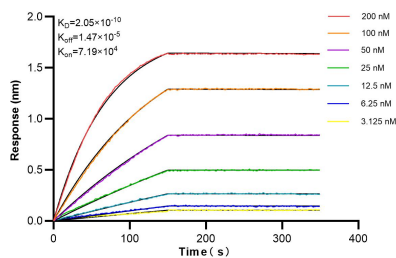
MDA-MB-231 cells were subjected to SDS PAGE followed by western blot with 84932-4-RR (TEAD4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TEAD4 antibody (84932-4-RR, Clone: 242496B2) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



BGC-823 cells were subjected to SDS PAGE followed by western blot with 84932-4-RR (TEAD4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84932-4-RR against Human TEAD4 were performed. The affinity constant is 0.205 nM.