

Product Name: Transcriptional Enhancer Factor TEF Rabbit Monoclonal antibody**Catalog #: AMRe02681**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.37mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 48 kDa; Observed MW: 54 kDa

Antigen Information

Gene Name	TEAD4
Alternative Names	DTEF 1; NTEF 1; TCF13; TEAD1; TEAD2; TEAD3; TEAD4; TEAD5; TEF1; TEF4; TEF5
Gene ID	7004
SwissProt ID	Q15561
Immunogen	Recombinant protein of human TEAD4

Background

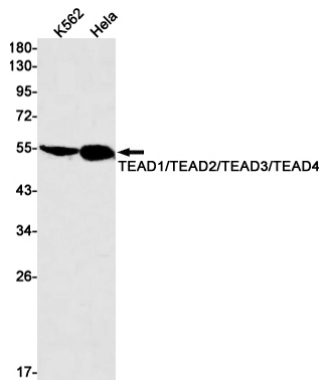
Transcription factor which plays a key role in the Hippo signaling pathway, a pathway involved in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade

wherein MST1/MST2, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Acts by mediating gene expression of YAP1 and WWTR1/TAZ, thereby regulating cell proliferation, migration and epithelial mesenchymal transition (EMT) induction. Binds specifically and non-cooperatively to the Sph and GT-IIC 'enhancers' (5'-GTGGAATGT-3') and activates transcription. Binds to the M-CAT motif.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of TEAD1/TEAD2/TEAD3/TEAD4 in K562, HeLa lysates using Transcriptional Enhancer Factor TEF antibody.