

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



Summary

Production Name	Transcriptional Enhancer Factor TEF Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

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

Application

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

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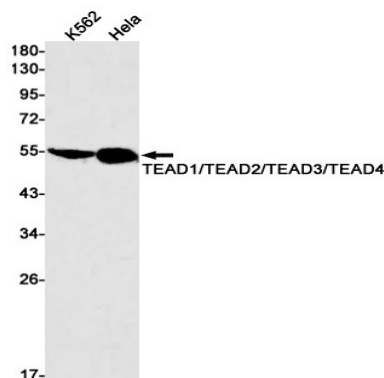
Background

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 'enhansons' (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.

Note

For research use only.