

Transcriptional Enhancer Factor TEF 1 Rabbit mAb

Catalog No: #52615



Package Size: #52615-1 50ul #52615-2 100ul

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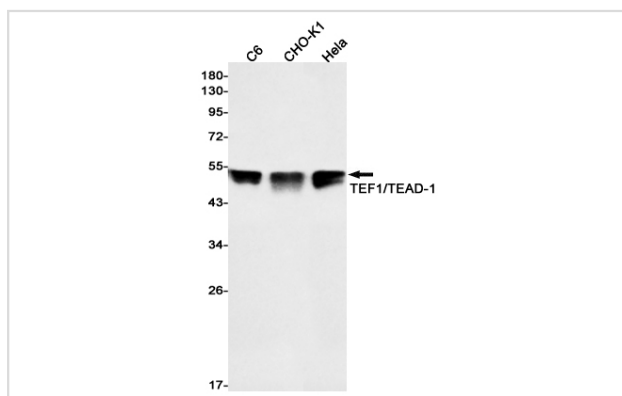
Description

Product Name	Transcriptional Enhancer Factor TEF 1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S05-1H3
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human TEAD-1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	AA; REF1; TCF13; TEF-1; NTEF-1; TCF-13; TEAD-1
Accession No.	Swiss-Prot:P28347GenelD:7003
Calculated MW	Calculated MW: 48 kDa; Observed MW: 48 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/2000-1/10000;

Images



Western blot detection of TEF1/TEAD-1 in C6,CHO-K1,HeLa cell lysates using TEF1/TEAD-1 Rabbit mAb(1:1000 diluted).Predicted band size:48kDa.Observed band size:48kDa.

Background

Swiss-Prot Acc.P28347.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 cooperatively to the SPH and GT-IIC 'enhancers' (5'-GTGGAATGT-3') and activates transcription in vivo in a cell-specific manner. The activation function appears to be mediated by a limiting cell-specific transcriptional intermediary factor (TIF). Involved in cardiac development. Binds to the M-CAT motif.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.