

# Transcriptional enhancer factor TEF-5 Polyclonal Antibody

Catalog No: #42673

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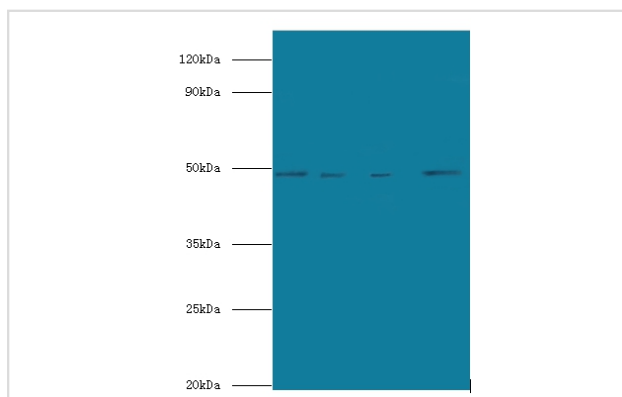
## Description

Product Name	Transcriptional enhancer factor TEF-5 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Transcriptional enhancer factor TEF-5 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Transcriptional enhancer factor TEF-5 protein
Target Name	Transcriptional enhancer factor TEF-5
Other Names	DTEF-1, TEA domain family member 3, TEAD-3, TEAD3, TEAD5, TEF5
Accession No.	Swiss-Prot#: Q99594
Uniprot	Q99594
GenID	7005;
Calculated MW	49kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting: □ 1:500 - 1:1000

## Images



All lanes: Transcriptional enhancer factor TEF-5 antibody at 2ug/ml

Lane 1: HepG2 whole cell lysate

Lane 2: mouse small intestine tissue

Lane 3: 293t whole cell lysate

Lane 4: HeLa whole cell lysate

secondary

Goat polyclonal to rabbit at 1/10000 dilution

predicted band size :49kDa

observed band size :49kDa

## 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 to multiple functional elements of the human chorionic somatomammotropin-B gene enhancer.

## References

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[1]"System-wide temporal characterization of the proteome and phosphoproteome of human embryonic stem cell differentiation." Rigbolt K.T., Prokhorova T.A., Akimov V., Henningsen J., Johansen P.T., Kratchmarova I., Kassem M., Mann M., Olsen J.V., Blagoev B.

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Note: This product is for in vitro research use only