

Anti-TEAD1 Antibody

Catalog # AP54128

Product Information

Application	WB
Primary Accession	P28347
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47946

Additional Information

Gene ID	7003
Other Names	TCF13; TEF1; Transcriptional enhancer factor TEF-1; NTEF-1; Protein GT-IIC; TEA domain family member 1; TEAD-1; Transcription factor 13; TCF-13
Target/Specificity	Recognizes endogenous levels of TEAD1 protein.
Dilution	WB~~1:1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	TEAD1
Synonyms	TCF13, TEF1
Function	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 'enhansons' (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.

Cellular Location	Nucleus.
Tissue Location	Preferentially expressed in skeletal muscle. Lower levels in pancreas, placenta, and heart

Background

Rabbit polyclonal antibody to TEAD1

Images

Image not found : 202102/CPA6464_WB.jpg

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