

TEAD1 Antibody

Rabbit mAb

Catalog # AP92446

Product Information

Application	WB, IHC, IP
Primary Accession	P28347
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	NTEF1; Protein GT IIC; REF1; TCF13; TEA domain family member 1; TEAD1; TEF1; Transcription factor 13; Transcriptional enhancer factor TEF1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	47946

Additional Information

Dilution	WB 1:1000~1:5000 IHC 1:100~1:500 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TEAD1
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

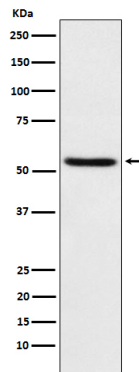
Cellular Location

Nucleus.

Tissue Location

Preferentially expressed in skeletal muscle. Lower levels in pancreas, placenta, and heart

Images



Western blot analysis of TEAD1 expression in HeLa cell lysate.

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