10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-TEAD1 Rabbit Monoclonal Antibody

Catalog # ABO15865

Product Information

Application	WB, IHC, IP
Primary Accession	P28347
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-TEAD1 Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	7003
Other Names	Transcriptional enhancer factor TEF-1, NTEF-1, Protein GT-IIC, TEA domain family member 1, TEAD-1, Transcription factor 13, TCF-13, TEAD1, TCF13, TEF1
Calculated MW	47946
Application Details	WB 1:1000-1:5000 IHC 1:100-1:500 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 24T42
Immunogen	A synthesized peptide derived from human TEAD1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

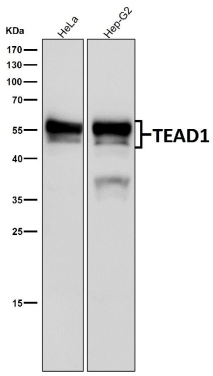
Name	TEAD1
Synonyms	TCF13, TEF1
Function	Transcription factor which plays a key role in the Hippo signaling pathway, a

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.

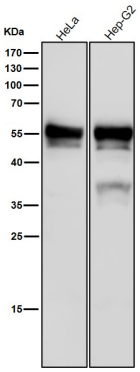
Cellular Location Nucleus.

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.



All lanes use the Antibody at 1:6K dilution for 1 hour at room temperature.