

KD-Validated Anti-TEAD1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1289

Product Information

Application	WB, ICC
Primary Accession	P28347
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB 2795
Calculated MW	47946
Gene Name	TEAD1
Aliases	TEAD1; TEA Domain Transcription Factor 1; TEF-1; TCF13; TEA Domain Family Member 1 (SV40 Transcriptional Enhancer Factor); Transcriptional Enhancer Factor TEF-1; Transcriptional Enhancer Factor 1; Transcription Factor 13; Protein GT-IIC; NTEF-1; TCF-13; TEAD-1; AA; Atrophia Areata, Peripapillary Choroidretinal Degeneration; TEA Domain Family Member 1; REF1; TEF1
Immunogen	A synthesized peptide derived from human TEAD1

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

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

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