

KD-Validated Anti-TEAD1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1288

Product Information

Application	WB, FC, ICC
Primary Accession	P28347
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB 2800
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 'enhancers' (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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