

KD-Validated Anti-TEAD4 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI2273

Product Information

Application	WB
Primary Accession	Q15561
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB4515
Calculated MW	48329
Gene Name	TEAD4
Aliases	TEAD4; TEA Domain Transcription Factor 4; TEA Domain Family Member 4; TCF13L1; TEFR-1; EFTR-2; TEF-3; Transcriptional Enhancer Factor TEF-3; Transcriptional Enhancer Factor 3; Transcription Factor 13-Like 1; Transcription Factor RTEF-1; RTEF-1; RTEF1; TEF3; Transcriptional Enhancer Factor 1-Related; Related Transcription Enhancer Factor 1B; HRTEF-1B; TEAD-4
Immunogen	Recombinant protein of human TEAD4

Additional Information

Gene ID	7004
Other Names	Transcriptional enhancer factor TEF-3, TEA domain family member 4, TEAD-4, Transcription factor 13-like 1, Transcription factor RTEF-1, TEAD4, RTEF1, TCF13L1, TEF3

Protein Information

Name	TEAD4
Synonyms	RTEF1, TCF13L1, TEF3
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 non-cooperatively to the Sph and GT-IIC 'enhansons' (5'-GTGGAATGT-3') and activates transcription. 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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