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TEAD4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TEAD4.
Catalog # AT4202a

Product Information

Application	WB, IP, E
Primary Accession	Q15561
Other Accession	NM_003213
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	5H3
Calculated MW	48329

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
Target/Specificity	TEAD4 (NP_003204, 151 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IP~~N/A E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	TEAD4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

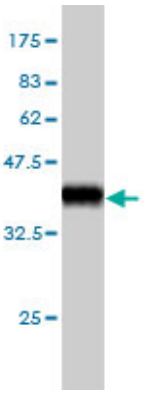
Background

This gene product is a member of the transcriptional enhancer factor (TEF) family of transcription factors, which contain the TEA/ATTS DNA-binding domain. It is preferentially expressed in the skeletal muscle, and binds to the M-CAT regulatory element found in promoters of muscle-specific genes to direct their gene expression. Alternatively spliced transcripts encoding distinct isoforms, some of which are translated through the use of a non-AUG (UUG) initiation codon, have been described for this gene.

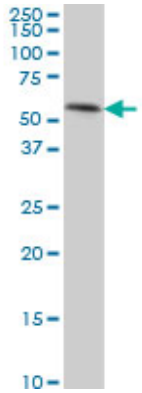
References

1.Integrative genomics analysis reveals the multilevel dysregulation and oncogenic characteristics of TEAD4 in gastric cancer.Lim B, Park JL, Kim HJ, Park YK, Kim JH, Sohn HA, Noh SM, Song KS, Kim WH, Kim YS, Kim SYCarcinogenesis. 2013 Dec 31.2.Induction of a trophoblast-like phenotype by hydralazine in the p19 embryonic carcinoma cell line.O'Driscoll CM, Coulter JB, Bressler JP.Biochim Biophys Acta. 2012 Nov 26. pii: S0167-4889(12)00333-3. doi: 10.1016/j.bbamcr.2012.11.012.3.Transcription factor TEAD4 regulates expression of Myogenin and the unfolded protein response genes during C2C12 cell differentiation.Benhaddou A, Keime C, Ye T, Morlon A, Michel I, Jost B, Mengus G, Davidson I.Cell Death Differ. 2011 Jun 24. doi: 10.1038/cdd.2011.87.

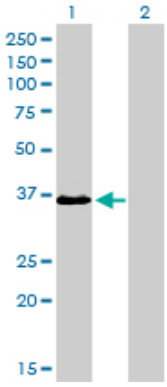
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



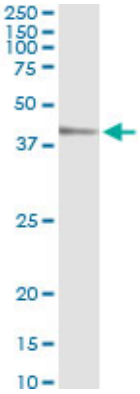
TEAD4 monoclonal antibody (M01), clone 5H3 Western Blot analysis of TEAD4 expression in HeLa ((Cat # AT4202a)

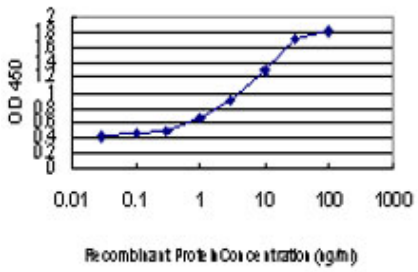


Western Blot analysis of TEAD4 expression in transfected 293T cell line by TEAD4 monoclonal antibody (M01), clone 5H3.

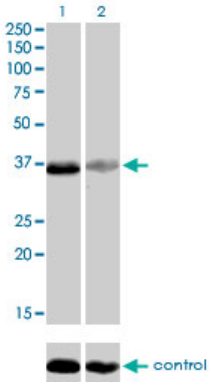
Lane 1: TEAD4 transfected lysate(34.2 KDa).
Lane 2: Non-transfected lysate.

Immunoprecipitation of TEAD4 transfected lysate using anti-TEAD4 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with TEAD4 MaxPab rabbit polyclonal antibody.





Detection limit for recombinant GST tagged TEAD4 is approximately 0.03ng/ml as a capture antibody.



Western blot analysis of TEAD4 over-expressed 293 cell line, cotransfected with TEAD4 Validated Chimera RNAi ((Cat # AT4202a)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.