

Product datasheet for **TA333332**

TEAD4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB, IF
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-TEAD4 Antibody: synthetic peptide directed towards the middle region of human TEAD4. Synthetic peptide located within the following region: LVKFWADLNTNIEDEGSSFYGVSSQYESPENMIITCSTKVCSEFGKQVVEK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44 kDa
Gene Name:	TEA domain transcription factor 4
Database Link:	NP_958849 Entrez Gene 7004 Human Q15561



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Background:

TEAD4 is a member of the transcriptional enhancer factor (TEF) family of transcription factors, which contain the TEA/ATTS DNA-binding domain. TEAD4 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 protein. 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.

Synonyms:

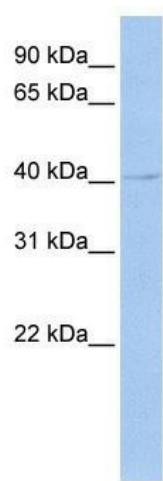
EFTR-2; hRTEF-1B; RTEF1; TCF13L1; TEF-3; TEF3; TEFR-1

Note:

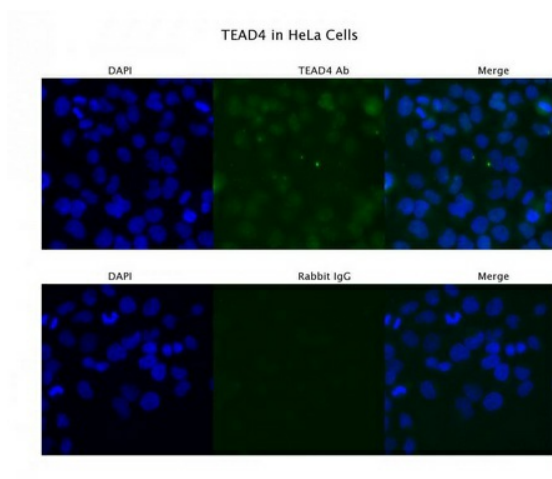
Immunogen sequence homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Mouse: 85%; Rat: 77%

Protein Families:

Transcription Factors

Product images:

WB Suggested Anti-TEAD4 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:12500; Positive Control: Transfected 293T



Sample Type. HeLa; Primary Antibody Dilution. 4 ug/ml; Secondary Antibody. Anti-rabbit Alexa 546; Secondary Antibody Dilution. 2 ug/ml; Gene Name. TEAD4