

## Product datasheet for **TA343373**

### TEAD4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TEAD4 antibody: synthetic peptide directed towards the C terminal of human TEAD4. Synthetic peptide located within the following region: MMNSVLENFTILQVVTNRDTQETLLCIAVFEVSASEHGAQHHiYRLVKE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	48 kDa
Gene Name:	TEA domain transcription factor 4
Database Link:	<a href="#">NP_003204</a> <a href="#">Entrez Gene 7004 Human</a> <a href="#">Q15561</a>



[View online »](#)

**Background:**

TEAD4 is a member of the transcriptional enhancer factor (TEF) family. The family members contain the TEA/ATTS DNA-binding domain. TEAD4 is preferentially expressed in skeletal muscle, and binds to the M-CAT regulatory element which directs muscle-specific gene expression. TEAD4 is encoded through the use of a non-AUG (TTG) translation initiation codon. This gene encodes a member of the transcriptional enhancer factor (TEF) family. The family members contain the TEA/ATTS DNA-binding domain. This member is preferentially expressed in skeletal muscle, and binds to the M-CAT regulatory element which directs muscle-specific gene expression. The protein is encoded through the use of a non-AUG (TTG) translation initiation codon. Three alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

**Synonyms:**

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

**Note:**

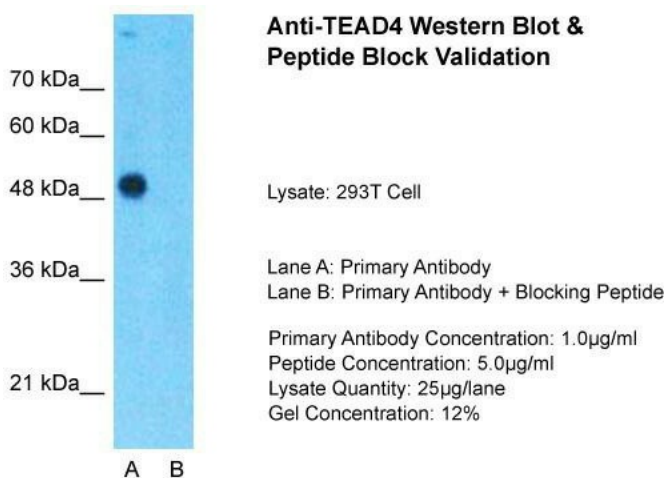
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%

**Protein Families:**

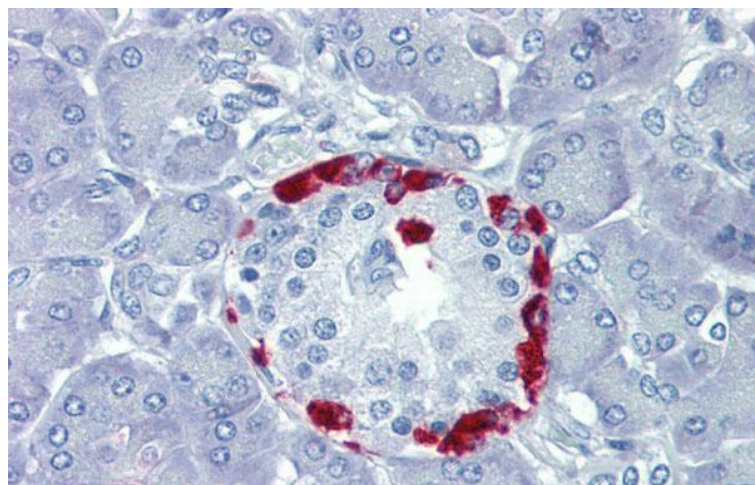
Transcription Factors

**Product images:**

WB Suggested Anti-TEAD4 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: 293T cell lysate TEAD4 is supported by BioGPS gene expression data to be expressed in HEK293T



Host: Rabbit; Target Name: TEAD4; Sample Tissue: 293T; Lane A: Primary Antibody; Lane B: Primary Antibody + Blocking Peptide; Primary Antibody Concentration: 1 ug/ml; Peptide Concentration: 5 ug/ml; Lysate Quantity: 25 ug/lane/lane; Gel Concentration: 0.1



Immunohistochemistry with Human Pancrease lysate tissue at an antibody concentration of 5.0 ug/ml using anti-TEAD4 antibody