

Datasheet for ABIN2777935  
**anti-TEAD4 antibody (Middle Region)**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	100 µL
Target:	TEAD4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Horse, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TEAD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TEAD4
Sequence:	LVKFWADLNT NIEDEGSSFY GVSSQYESPE NMIITCSTKV CSFGKQVVEK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 85%, Rabbit: 100%, Rat: 77%
Characteristics:	This is a rabbit polyclonal antibody against TEAD4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	TEAD4
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## Target Details

Alternative Name:	TEAD4 ( <a href="#">TEAD4 Products</a> )
Background:	<p>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.</p> <p>Alias Symbols: EFTR-2, MGC9014, RTEF1, TCF13L1, TEF-3, TEFR-1, hRTEF-1B, TEF3</p> <p>Protein Interaction Partner: CCDC172, SSX2IP, LZTS2, CEP70, CEP55, RABGEF1, CCNDBP1, KIAA0753, PNMA1, TRAF1, VPS52, TRIM27, GOLGA2, UBC, SUMO2, CCDC85B, WWTR1, YAP1, VGLL1, MYH7,</p> <p>Protein Size: 391</p>
Molecular Weight:	44 kDa
Gene ID:	7004
NCBI Accession:	<a href="#">NM_201441</a> , <a href="#">NP_958849</a>
UniProt:	<a href="#">Q15561</a>
Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 391 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific

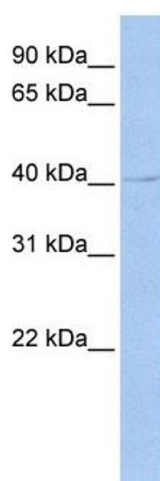
## Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in:	Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: <b>Genome research</b> , Vol. 14, Issue 10B, pp. 2121-7, (2004) ( <a href="#">PubMed</a> ).
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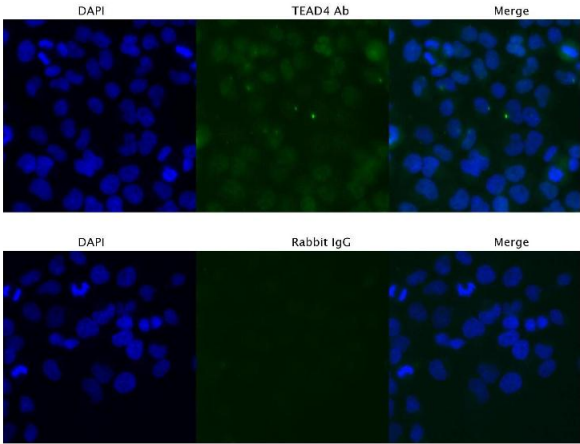
## Images



### Western Blotting

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

TEAD4 in HeLa Cells



Immunofluorescence

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