

Datasheet for ABIN2780490
anti-TEAD4 antibody (N-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	TEAD4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TEAD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TEAD4
Sequence:	TAGTITSNEW SSPTSPEGST ASGGSQALDK PIDNDAEGVW SPDIEQSFQE
Predicted Reactivity:	Guinea Pig: 83%, Horse: 92%, Human: 100%, Mouse: 92%, Pig: 92%, Rabbit: 92%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against TEAD4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TEAD4
Alternative Name:	TEAD4 (TEAD4 Products)
Background:	TEAD4 is a member of the transcriptional enhancer factor (TEF) family of transcription factors,

Target Details

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.

Protein Interaction Partner: CCDC172, SSX2IP, LZTS2, CEP70, CEP55, RABGEF1, CCNDBP1, KIAA0753, PNMA1, TRAF1, VPS52, TRIM27, GOLGA2, UBC, SUMO2, CCDC85B, WWTR1, YAP1, VGLL1, MYH7,

Protein Size: 391

Molecular Weight:	44 kDa
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Gene ID:	7004
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Pathways:	Regulation of Lipid Metabolism by PPARalpha
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

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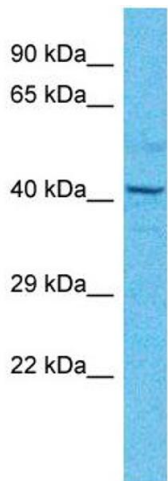
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeat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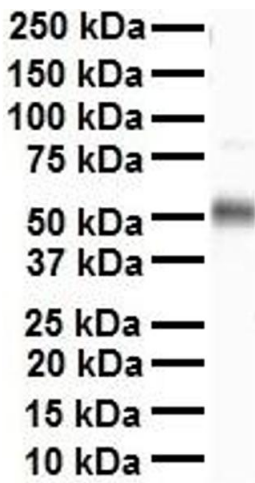
Storage:	-20 °C
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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
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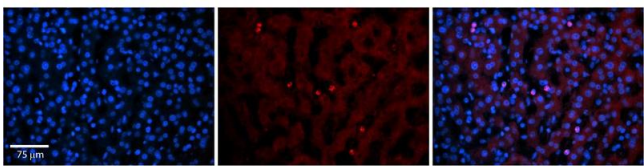
Western Blotting

Image 1. Host: Rabbit Target Name: TEAD4 Sample Type: Thyroid Tumor lysates Antibody Dilution: 1.0ug/ml



Western Blotting

Image 2. WB Suggested Anti-TEAD4 antibody Titration: 1 ug/mL Sample Type: Human heart



Immunohistochemistry

Image 3. Rabbit Anti-TEAD4 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Adult liver Observed Staining: Nuclear in endothelial cells not in hepatocytes Primary Antibody Concentration: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy2/3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 – 2.0 sec Protocol located in Reviews and Data.