

Datasheet for ABIN7603097
anti-TEAD3 antibody (Middle Region)



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Overview

Quantity:	100 µg
Target:	TEAD3
Binding Specificity:	Middle Region
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TEAD3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Anti-TEAD3 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human TEAD3, identical to the related mouse sequences.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TEAD3 Antibody Picoband® (ABIN7603097). Tested in WB applications. This antibody reacts with Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	TEAD3
Alternative Name:	TEAD3 (TEAD3 Products)
Background:	Synonyms: Protein SOX-15, Protein SOX-12, Protein SOX-20, SOX15, SOX12, SOX20, SOX26, SOX27 Tissue Specificity: Widely expressed in fetal and adult tissues examined, highest level found in fetal spinal cord and adult brain and testis. Background: Transcriptional enhancer factor TEF-5 is a protein that in humans is encoded by the TEAD3 gene. 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 predominantly expressed in the placenta and is involved in the transactivation of the chorionic somatomammotropin-B gene enhancer. Translation of this protein is initiated at a non-AUG (AUA) start codon.
Molecular Weight:	54 kDa
Gene ID:	7005
UniProt:	Q99594
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse, Rat 1. Jacquemin, P., Chen, Z., Martial, J. A., Davidson, I. Genomic structure and chromosomal mapping of the mouse transcription factor TEF-5 (Tead3) gene. Mammalian Genome 10: 632-634, 1999. 2. Jacquemin, P., Depetris, D., Mattei, M.-G., Martial, J. A., Davidson, I. Localization of human transcription factor TEF-4 and TEF-5 (TEAD2, TEAD3) genes to chromosomes 19q13.3 and 6p21.2 using fluorescence in situ hybridization and radiation hybrid analysis. Genomics 55: 127-129, 1999. 3. Jacquemin, P., Martial, J. A., Davidson, I. Human TEF-5 is preferentially expressed in placenta and binds to multiple functional elements of the human chorionic somatomammotropin-B gene enhancer. J. Biol. Chem. 272: 12928-12937, 1997.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.