



Datasheet for ABIN6972853 anti-TEAD1 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	TEAD1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TEAD1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This antibody was raised against a recombinant protein fragment within human TEAD1.
Isotype:	IgG
Characteristics:	TEAD1 (TEA Domain Family Member 1 (SV40 Transcriptional Enhancer Factor)) is a transcription factor which plays a key role in the Hippo signaling pathway, a pathway involved in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein MST1/MST2, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Acts by mediating gene expression of YAP1 and WWTR1/TAZ, thereby regulating cell proliferation, migration and epithelial mesenchymal transition (EMT) induction. Binds specifically and cooperatively to the SPH and GT-IIC 'enhansons' (5'-GTGGAATGT-3') and activates transcription in vivo in a cell-specific manner. The activation function appears to be mediated by a limiting cell-specific transcriptional intermediary factor (TIF). Involved in cardiac

Product Details

development. Binds to the M-CAT motif. TEAD1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human samples.

Purification: Affinity Purified

Target Details

Target: TEAD1

Alternative Name: TEAD1 ([TEAD1 Products](#))

Molecular Weight: 60 kDa

NCBI Accession: [NP_068780](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

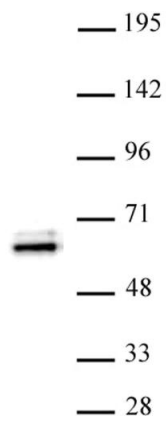
Buffer: Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.



Western Blotting

Image 1. TEAD1 antibody (pAb) tested by Western blot. Detection of TEAD1 by Western blot analysis. Nuclear extract of JEG cells (30 μ g) probed with TEAD1 antibody at a dilution of 1:500.