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TEAD2 (M) Antibody, Rabbit Polyclonal

Cat#: R3060-2

Quantity: 100 ul

Predicted | Observed M.W.: 49 | 65 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q15562

Background:

TEA domain family member 2 (TEAD2) is a transcription factor that 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. TEAD2 acts by mediating gene expression of YAP1 and WWTR1/TAZ, thereby regulating cell proliferation, migration and epithelial mesenchymal transition (EMT) induction. TEAD2 binds to the SPH and GT-IIC 'enhancers' (5'-GTGGAATGT-3'). TEAD2 may be involved in the gene regulation of neural development.

Other Names:

TEF4, TEA domain family member 2, Transcriptional enhancer factor TEF-4, ETF, TEF-4

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human TEAD2. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

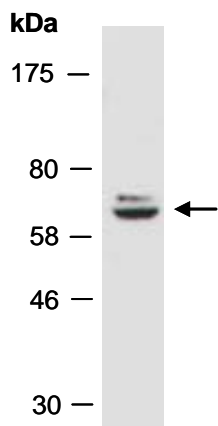


Fig 1. Western blot of total cell extracts from human HeLa, using anti-TEAD2 (M) (R3060-2) at RT for 2 h.