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Datasheet for ABIN5532239
anti-TEAD2 antibody (AA 267-295)

2 Images

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 400 µL |
| Target: | TEAD2 |
| Binding Specificity: | AA 267-295 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TEAD2 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|---------------|---|
| Immunogen: | This TEAD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 267-295 amino acids from the Central region of human TEAD2. |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|---|
| Target: | TEAD2 |
| Alternative Name: | TEAD2 (TEAD2 Products) |
| Background: | 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 |

Target Details

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 to the SPH and GT-IIC 'enhancers' (5'-GTGGAATGT-3'). May be involved in the gene regulation of neural development. Binds to the M-CAT motif.

Molecular Weight: 49 kDa

Gene ID: 8463

UniProt: [Q15562](#)

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

Application Details

Application Notes: For WB starting dilution is: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

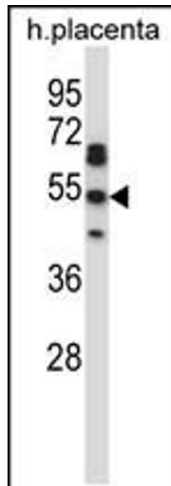
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

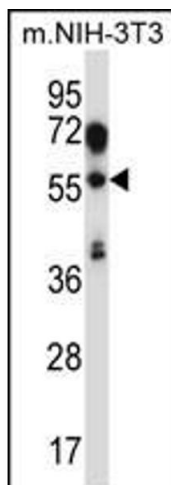
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

Image 1. Western blot analysis in human placenta tissue lysates (35ug/lane).



Western Blotting

Image 2. Western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).