10320 Camino Santa Fe, Suite G
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TEAD2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14282c

Specification

TEAD2 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q15562
Other Accession	P48301, NP_003589.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**49243**
Antigen Region	**267-295**

TEAD2 Antibody (Center) - Additional Information

Gene ID 8463

Other Names
Transcriptional enhancer factor TEF-4, TEA domain family member 2, TEAD-2, TEAD2, TEF4

Target/Specificity
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.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TEAD2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TEAD2 Antibody (Center) - Protein Information

Name TEAD2

Synonyms TEF4

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

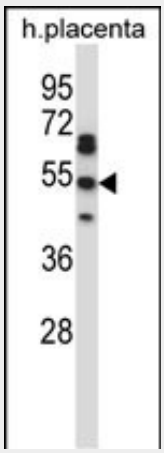
Cellular Location
Nucleus.

TEAD2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TEAD2 Antibody (Center) - Images



TEAD2 Antibody (Center) (Cat. #AP14282c) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the TEAD2 antibody detected the TEAD2 protein (arrow).

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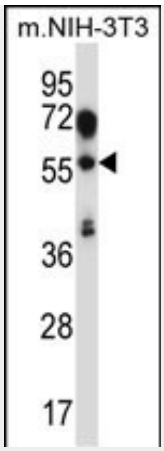

TEAD2 Antibody (Center) (Cat. #AP14282c) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the TEAD2 antibody detected the TEAD2 protein (arrow).

TEAD2 Antibody (Center) - 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 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 'enhansons' (5'-GTGGAATGT-3'). May be involved in the gene regulation of neural development. Binds to the M-CAT motif.

TEAD2 Antibody (Center) - References

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