

## TEAD2 Antibody

Catalog No: #33900

Package Size: #33900-1 50ul #33900-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

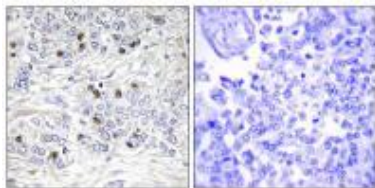
Product Name	TEAD2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TEAD2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human TEAD2.
Target Name	TEAD2
Other Names	TEA domain family member 2; TEAD-2;
Accession No.	Swiss-Prot: Q15562NCBI Gene ID: 8463
SDS-PAGE MW	49kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:500

## Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using TEAD2 antibody #33900.

Immunofluorescence analysis of HepG2 cells, using TEAD2 antibody #33900.



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

The MGC Project Team, *Genome Res.* 14:2121-2127(2004).

Jacquemin P., *J. Biol. Chem.* 271:21775-21785(1996).

## Published Papers

et al., Thyroid hormone regulates muscle fiber type conversion via miR-133a1. In *J Cell Biol* on 2014 Dec 22 by Duo Zhang, Xiaoyun Wang, et al.. PMID: 25512392, (2014)

[PMID:25512392](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.