

ARG55099 anti-TEAD1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TEAD1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ChIP, ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TEAD1
Species	Human
Immunogen	Recombinant protein of Human TEAD1 (NP_068780.2)
Conjugation	Un-conjugated
Alternate Names	AA; Transcription factor 13; NTEF-1; TEA domain family member 1; REF1; TEF-1; Protein GT-IIC; TCF13; Transcriptional enhancer factor TEF-1; TCF-13; TEAD-1

Application Instructions

Application table	Application	Dilution
	ChIP	1:50 - 1:200
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	IP	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	MCF7	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw

cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 21676 Mouse](#)

[GeneID: 7003 Human](#)

[Swiss-port # P28347 Human](#)

[Swiss-port # P30051 Mouse](#)

Gene Symbol

TEAD1

Gene Full Name

TEA domain family member 1 (SV40 transcriptional enhancer factor)

Background

This gene encodes a ubiquitous transcriptional enhancer factor that is a member of the TEA/ATTS domain family. This protein directs the transactivation of a wide variety of genes and, in placental cells, also acts as a transcriptional repressor. Mutations in this gene cause Sveinsson's chorioretinal atrophy. Additional transcript variants have been described but their full-length natures have not been experimentally verified. [provided by RefSeq, May 2010]

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 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 development. Binds to the M-CAT motif. [UniProt]

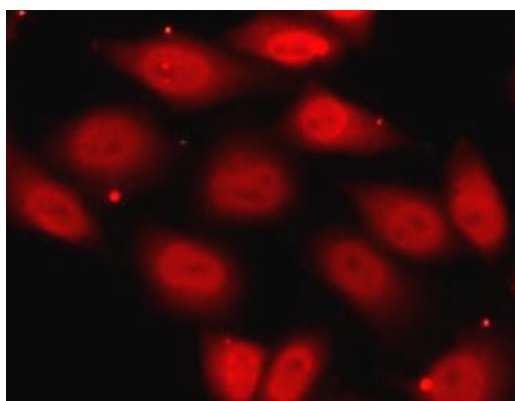
Research Area

Cell Biology and Cellular Response antibody; Gene Regulation antibody

Calculated Mw

48 kDa

Images



ARG55099 anti-TEAD1 antibody ICC/IF image

Immunofluorescence: MCF7 cells stained with ARG55099 anti-TEAD1 antibody.

ARG55099 anti-TEAD1 antibody WB image

Western blot: MCF7 cell lysate stained with ARG55099 anti-TEAD1 antibody.

