

## ARG40758 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, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TEAD1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 135-215 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	1:20 - 1:50
	ICC/IF	1:50 - 1:200
	IHC-P	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	Mouse heart	
Observed Size	~ 50 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
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.

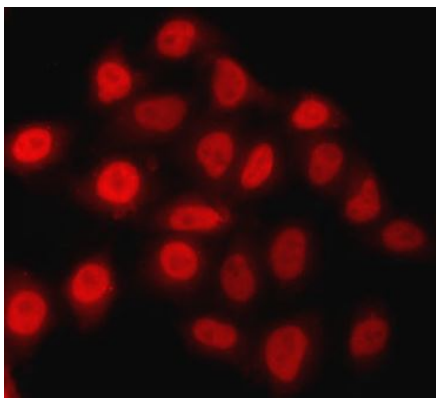
## Bioinformation

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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 'enhancers' (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]
Calculated Mw	48 kDa
Cellular Localization	Nucleus. [UniProt]

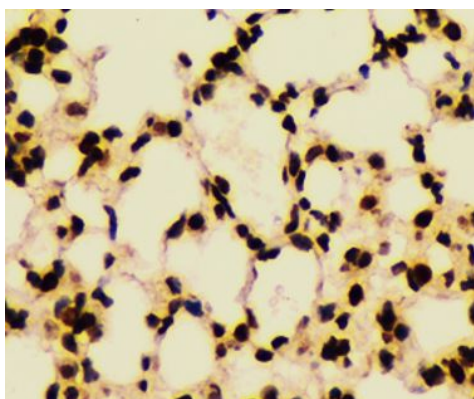
## Images

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ARG40758 anti-TEAD1 antibody ICC/IF image

Immunofluorescence: MCF7 cells stained with ARG40758 anti-TEAD1 antibody.

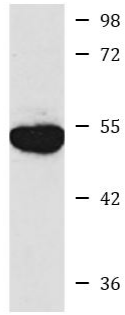


ARG40758 anti-TEAD1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse lung stained with ARG40758 anti-TEAD1 antibody at 1:100 dilution.

ARG40758 anti-TEAD1 antibody WB image

Western blot: 25 µg of Mouse heart lysate stained with ARG40758 anti-TEAD1 antibody at 1:1000 dilution.



Mouse heart

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