

ARG42765 anti-TEAD (pan) antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TEAD (pan)
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody reacts to TEAD1, TEAD2, TEAD3 and TEAD4.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TEAD (pan)
Species	Human
Immunogen	Synthetic peptide derived from Human TEAD1 + TEAD2 + TEAD3 + TEAD4.
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	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>1:500 - 1:1000</td></tr></tbody></table>	Application	Dilution	WB	1:500 - 1:1000
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WB	1:500 - 1:1000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	SW480				
Observed Size	~ 53 kDa				

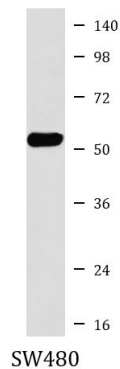
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 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

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]
Calculated Mw	48 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG42765 anti-TEAD (pan) antibody WB image

Western blot: SW480 cell lysate stained with ARG42765 anti-TEAD (pan) antibody.