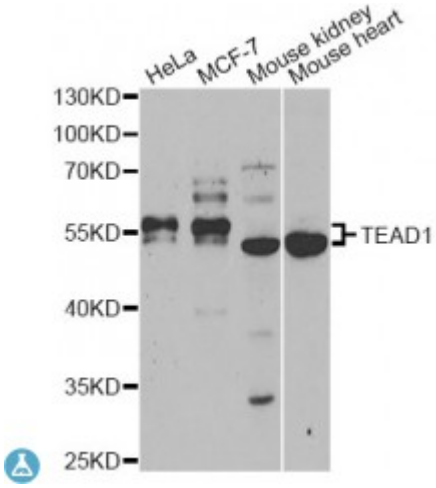
Anti-TEAD1 Antibody



Description	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.

Model	STJ115329
Host	Rabbit
Reactivity	Human, Mouse
Applications	ChIP, IF, IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 135-215 of human TEAD1 (NP_068780.2).
Gene ID	7003
Gene Symbol	TEAD1
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 CHIP 1:20 - 1:50
Tissue Specificity	Preferentially expressed in skeletal muscle, Lower levels in pancreas, placenta, and heart
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Transcriptional enhancer factor TEF-1 NTEF-1 Protein GT-IIC TEA domain family member 1 TEAD-1 Transcription factor 13 TCF-13
Molecular Weight	47.946 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:11714OMIM:108985Reactome:R-HSA-1989781
Alternative Names	Transcriptional enhancer factor TEF-1 NTEF-1 Protein GT-IIC TEA domain family member 1 TEAD-1 Transcription factor 13 TCF-13
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,
Cellular Localization	Nucleus