

Immunotag™ TEAD1 Antibody

Antibody Specification	
Catalog No.	ITA4029
Product Description	Immunotag™ TEAD1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TEAD1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000 IHC: 1:50~1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	TEAD1 Antibody detects endogenous levels of total TEAD1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl,sodium azide and glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TEAD1
Accession No.	P28347

Antibody Specification

Alternate Names	DTEF 1; NTEF 1; Protein GT-IIC; SV40 transcriptional enhancer factor; TCF 13; TCF13; TEA domain family member 1; TEA domain family member 2; TEA domain family member 3; TEA domain family member 4; TEAD 1; TEAD 2; TEAD 3; TEAD 4; TEAD2; TEAD3; TEAD4; TEAD5; TEF1; TEF4; TEF5; Transcription factor 13; Transcription factor 13 like 1; Transcription factor RTEF 1; Transcriptional enhancer factor TEF 1; Transcriptional enhancer factor TEF 3; Transcriptional enhancer factor TEF 4; Transcriptional enhancer factor TEF 5;
Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	48 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.