

## TEF-1 Polyclonal Antibody

<b>Catalog No :</b>	YT4596
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	TEF-1
<b>Fields :</b>	>>Hippo signaling pathway;>>Hippo signaling pathway - multiple species
<b>Gene Name :</b>	TEAD1
<b>Protein Name :</b>	Transcriptional enhancer factor TEF-1
<b>Human Gene Id :</b>	7003
<b>Human Swiss Prot No :</b>	P28347
<b>Mouse Gene Id :</b>	21676
<b>Mouse Swiss Prot No :</b>	P30051
<b>Immunogen :</b>	Synthesized peptide derived from TEF-1 . at AA range: 30-110
<b>Specificity :</b>	TEF-1 Polyclonal Antibody detects endogenous levels of TEF-1 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 50kD

**Cell Pathway :** Stem cell pathway; Protein\_Acetylation

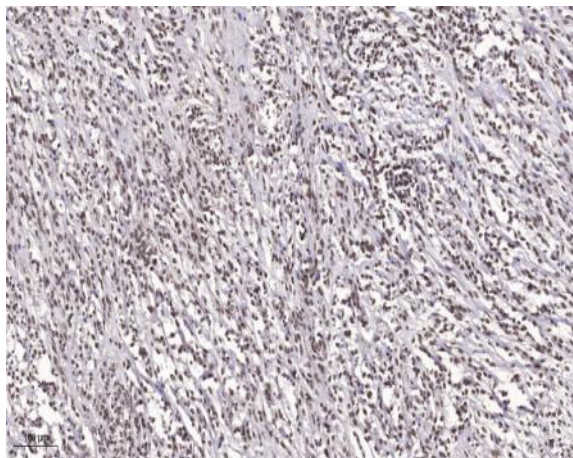
**Background :** This gene encodes a ubiquitous transcriptional enhancer factor that is a member of the TEA/ATTS domain family. This protein directs the transactivation of a wide variety of genes and, in placental cells, also acts as a transcriptional repressor. Mutations in this gene cause Sveinsson's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

**Function :** disease:Defects in TEAD1 are the cause of Sveinsson chorioretinal atrophy (SCRA) [MIM:108985]; also known as atrophia areata (AA) or helicoidal peripapillary chorioretinal degeneration (HPCD). SCRA is characterized by symmetrical lesions radiating from the optic disk involving the retina and the choroid.,function: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.,similarity:Contains 1 TEA DNA-binding domain.,tissue specificity:Preferentially expressed in skeletal muscle. Lower levels in pancreas, placenta, and heart.,

**Subcellular Location :** Nucleus.

**Expression :** Preferentially expressed in skeletal muscle. Lower levels in pancreas, placenta, and heart.

## Products Images



Immunohistochemical analysis of paraffin-embedded human Small intestinal stromal tumor. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight).3,Secondary antibody was diluted at 1:200(room temperature, 45min).