

TEF-1 Polyclonal Antibody

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

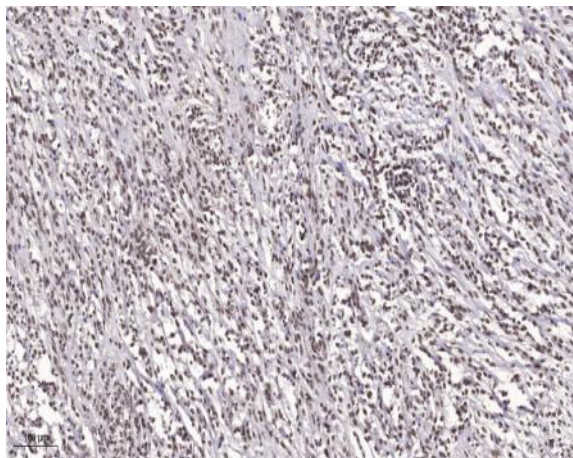
Background : This gene encodes a ubiquitous transcriptional enhancer factor that is a member of the TEA/ATTS domain family. This protein directs the transactivation of a wide variety of genes and, in placental cells, also acts as a transcriptional repressor. Mutations in this gene cause Sveinsson's chorioretinal 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 atrophía 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 "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.,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).