

Product Name: TEF-1 Rabbit Polyclonal Antibody
Catalog #: APRab18774



Summary

Production Name	TEF-1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TEAD1
Alternative Names	TEAD1; TCF13; TEF1; Transcriptional enhancer factor TEF-1; NTEF-1; Protein GT-IIC; TEA domain family member 1; TEAD-1; Transcription factor 13; TCF-13
Gene ID	7003.0
SwissProt ID	P28347.Synthesized peptide derived from TEF-1 . at AA range: 30-110

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:40000
Molecular Weight	50kD

Background

This gene encodes a ubiquitous transcriptional enhancer factor that is a member of the TEA/ATTS domain family. This

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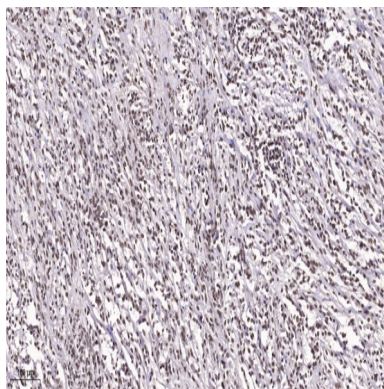


protein directs the transactivation of a wide variety of genes and, in placental cells, also acts as a transcriptional repressor. Mutations in this gene cause Sveinsson's chorioretinal atrophy. Additional transcript variants have been described but their full-length natures have not been experimentally verified. [provided by RefSeq, May 2010],disease:Defects in TEAD1 are the cause of Sveinsson chorioretinal atrophy (SCRA) [MIM:108985]; also known as atrophopia 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.,

Research Area

Stem cell pathway; Protein_Acetylation

Image Data



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) .

Note

For research use only.