



TEF-1 Monoclonal Antibody

Catalog No	YP-mAb-02095
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TEAD1
Immunogen	Synthesized peptide derived from TEF-1 . at AA range: 30-110
Specificity	TEF-1 Monoclonal Antibody detects endogenous levels of TEF-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AA;REF1;TCF13;TEF-1;NTEF-1;TCF-13;TEAD-1;TEAD1;Transcriptional enhancer factor TEF-1;TEF1;Protein GT-IIC;TEA domain family member 1; Transcription factor 13
Observed Band	50kD
Calculated Molecular Weight	50kD
Cell Pathway	Nucleus.
Tissue Specificity	Preferentially expressed in skeletal muscle. Lower levels in pancreas, placenta, and heart.
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



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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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images