

Anti-TEF1/TEAD-1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

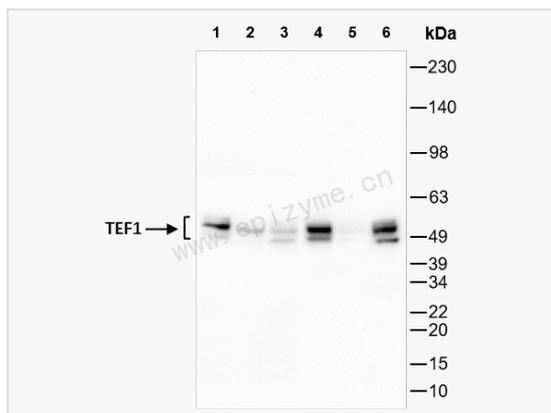
Catalog # R015986

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	53G63T17
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human TEF1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-TEF1/TEAD-1 Rabbit mAb [53G63T17] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	NTEF1; Protein GT IIC; REF1; TCF13; TEA domain family member 1; TEAD1; TEF1; Transcription factor 13; Transcriptional enhancer factor TEF1.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 48-50 kDa
Uniprot ID	P28347
Gene ID	7003
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]
Cellular Location	Nucleus
Tissue Location	Preferentially expressed in skeletal muscle. Lower levels in pancreas, placenta, and heart.



Western Blot - Anti-TEF1/TEAD-1 Rabbit mAb [53G63T17]

All lanes: R015986 at 1:2,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: Caco2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysates

Lane 5: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lane 6: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

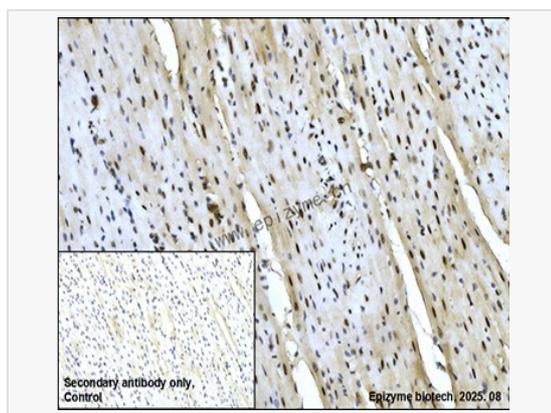
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 48 kDa

Observed band size: 48-50 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-TEF1/TEAD-1 Rabbit mAb [53G63T17]

Sample: Paraformaldehyde-fixed, paraffin embedded rat heart tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

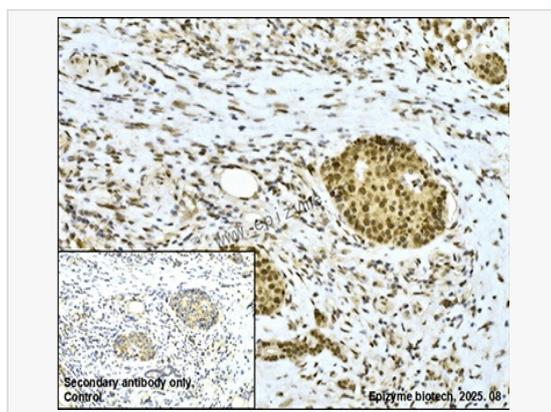
Primary antibody: R015986 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-TEF1/TEAD-1 Rabbit mAb [53G63T17]

Sample: Paraformaldehyde-fixed, paraffin embedded human pancreatic cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015986 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.