

Anti-TEF1/TEAD-1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

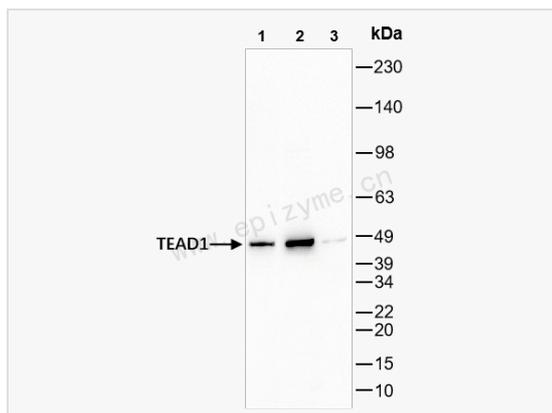
Catalog # R015901

Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	96T89H01
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human TEAD1
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 [96T89H01] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	TCF13; TEF1; TEAD1; Transcriptional enhancer factor TEF-1; NTEF-1; Protein GT-IIC; TEA domain family member 1; Transcription factor 13; TEAD-1; TCF-13.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 48 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 [96T89H01]

All lanes: R015901 at 1:1,000 dilution

Lane 1: Mouse heart whole tissue lysates

Lane 2: Rat heart whole tissue lysates

Lane 3: Rat muscle whole tissue lysates

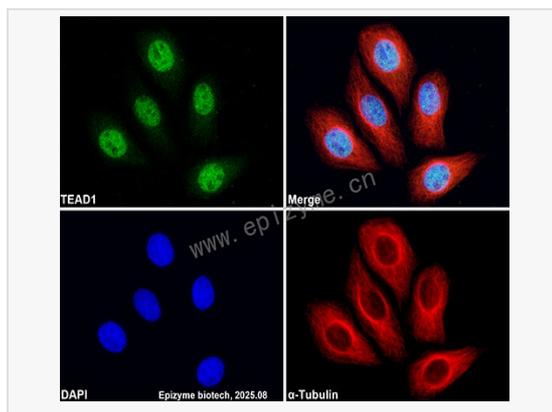
Lysates/proteins at 10 µg per lane.

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 kDa

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



Immunofluorescence - Anti-TEF1/TEAD-1 Rabbit mAb [96T89H01]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R015901 at 1:100 dilution and α -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).