
Product Name: KD-Validated TEAD1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01471**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 47.9kDa

Antigen Information

Gene Name	TEAD1 TEAD1; TEA Domain Transcription Factor 1; TEF-1; TCF13; TEA Domain Family Member 1 (SV40 Transcriptional Enhancer Factor); Transcriptional Enhancer Factor TEF-1;
Alternative Names	Transcriptional Enhancer Factor 1; Transcription Factor 13; Protein GT-IIC; NTEF-1; TCF-13; TEAD-1; AA; Atrophia Areata, Peripapillary Chorioretinal Degeneration; TEA Domain Family Member 1; REF1; TEF1
Gene ID	7003.0
SwissProt ID	P28347
Immunogen	A synthesized peptide derived from human TEAD1

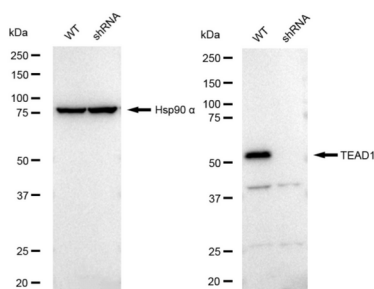
Background

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]

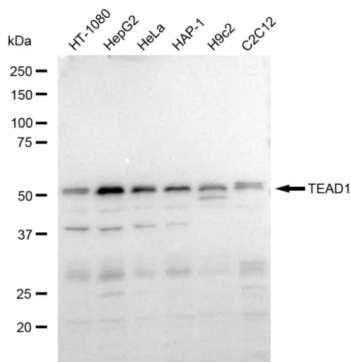
Research Area

Epigenetics and Nuclear Signaling, Cardiovascular

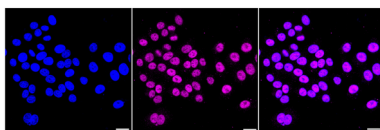
Image Data



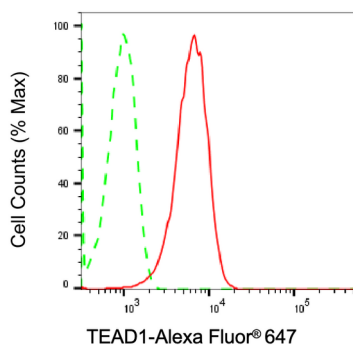
Western blotting analysis using TEAD1 antibody (KVA01471). TEAD1 expression in wild type (WT) and TEAD1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with TEAD1 antibody (KVA01471, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using TEAD1 antibody (KVA01471). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with TEAD1 antibody (KVA01471, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with TEAD1 antibody (KVA01471, 1:1,000). Nuclei were stained blue with DAPI; TEAD1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar: 20 µm.



Flow cytometric analysis of TEAD1 expression in HepG2 cells using TEAD1 antibody (KVA01471, 1:2,000). Green, isotype control; red, TEAD1.