

Product Name: KD-Validated TEAD1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01473**

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

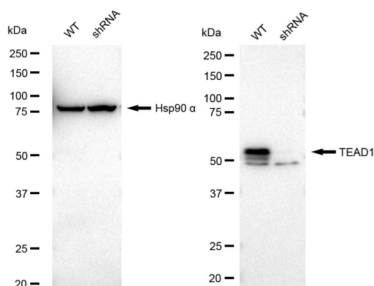
Background

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]

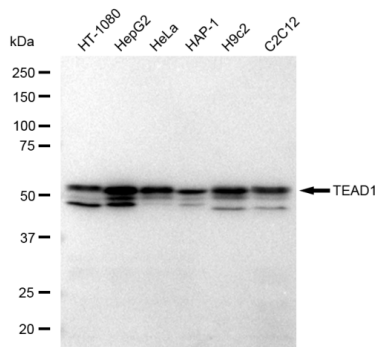
Research Area

Epigenetics and Nuclear Signaling, Cardiovascular

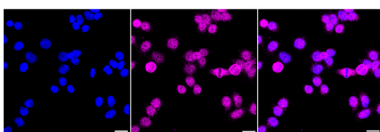
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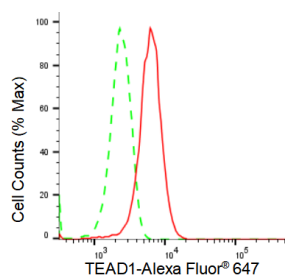
Western blotting analysis using TEAD1 antibody (KVA01473). TEAD1 expression in wild type (WT) and TEAD1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with TEAD1 antibody (KVA01473, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using TEAD1 antibody (KVA01473). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with TEAD1 antibody (KVA01473, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with TEAD1 antibody (KVA01473, 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 (KVA01473, 1:2,000). Green, isotype control; red, TEAD1.