

TEAD1 Rabbit pAb

Catalog No.: A6768

10 Publications

Basic Information

Observed MW

60kDa/50kDa

Calculated MW

48kDa

Category

Primary antibody

Applications

WB, IHC-P, IF/ICC, IP, ELISA, ChIP

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB	1:1000 - 1:5000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
ChIP	5µg antibody for 10µg-15µg of Chromatin

Immunogen Information

Gene ID

7003

Swiss Prot

P28347

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

AA; REF1; TCF13; TEF-1; NTEF-1; TCF-13; TEAD-1; TEAD1

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

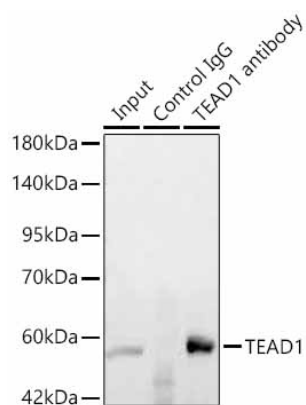
Contact

☎ | 400-999-6126

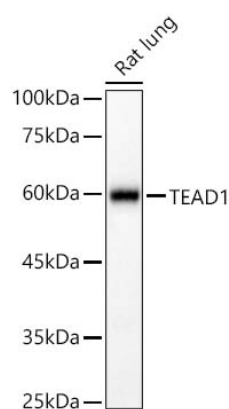
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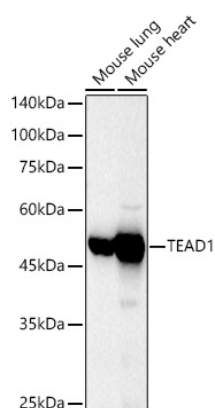
Validation Data



Immunoprecipitation of TEAD1 in 600 µg extracts from mouse heart using 3 µg TEAD1 Rabbit pAb (A6768). Western blot analysis was performed using TEAD1 Rabbit pAb (A6768) at 1:200 dilution.

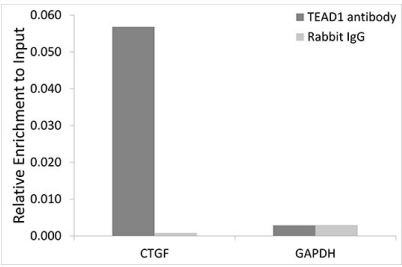


Western blot analysis of lysates from Rat lung using TEAD1 Rabbit pAb (A6768) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

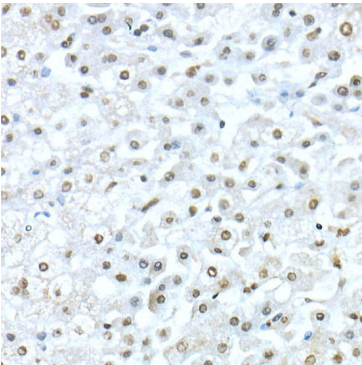


Western blot analysis of various lysates using TEAD1 Rabbit pAb (A6768) at 1:700 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 28s.

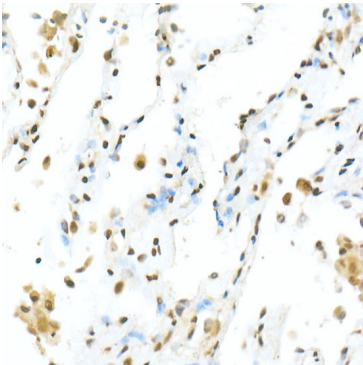
Validation Data



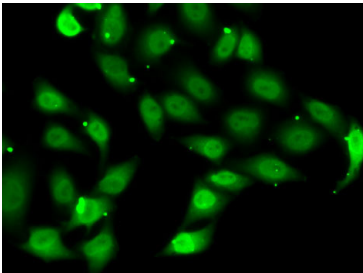
Chromatin immunoprecipitation analysis of extracts of HeLa cells, using TEAD1 antibody (A6768) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Immunohistochemistry analysis of paraffin-embedded Human liver using TEAD1 Rabbit pAb (A6768) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human lung using TEAD1 Rabbit pAb (A6768) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of MCF7 cells using TEAD1 Rabbit pAb (A6768).Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution.