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TEAD1 Rabbit mAb

Catalog No.: A29128 Recombinant

Basic Information

Observed MW
50 kDa

Calculated MW
48 kDa/40 kDa

Category
Primary antibody

Applications
IP,IHC-P,ChIP,ELISA

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC3887

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

IP	0.5 µg - 4 µg antibody for 400 µg - 600 µg extracts of whole cells
IHC-P	1:200 - 1:1200
ChIP	2 µg antibody for 5 µg - 15 µg of Chromatin
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000)，a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
7003

Swiss Prot
P28347

Immunogen
This information is considered to be commercially sensitive.

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

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

Contact

400-999-6126

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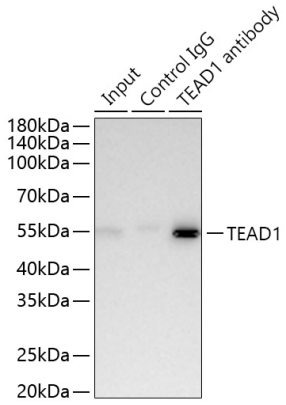
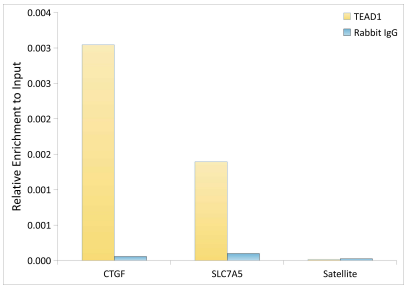
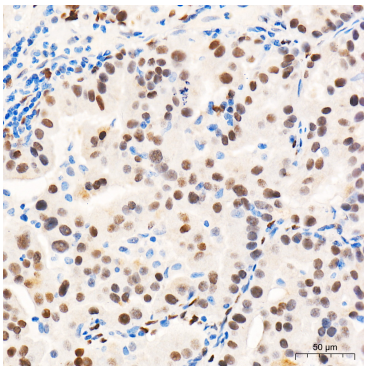
Validation Data



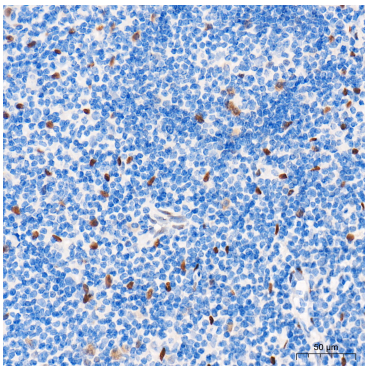
Immunoprecipitation of TEAD1 from 600 µg extracts of 293T cells was performed using 2 µg of TEAD1 Rabbit mAb (A29128). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using TEAD1 Rabbit mAb (A29128) at a dilution of 1:1000.



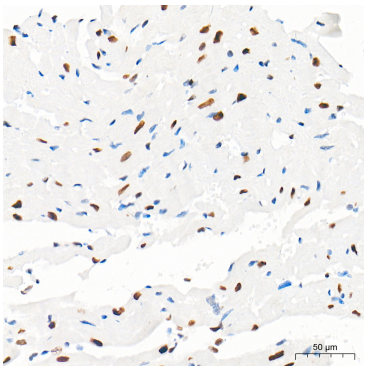
Chromatin immunoprecipitation was performed with 15 µg of cross-linked chromatin from Hep G2 cells, using 2 µg of TEAD1 Rabbit mAb(A29128) and Rabbit IgG isotype control (AC042). The enrichment of immunoprecipitated DNA at different genomic loci was examined by quantitative PCR. The histogram compares the ratio of the immunoprecipitated DNA to the input at given loci.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using TEAD1 Rabbit mAb (A29128) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

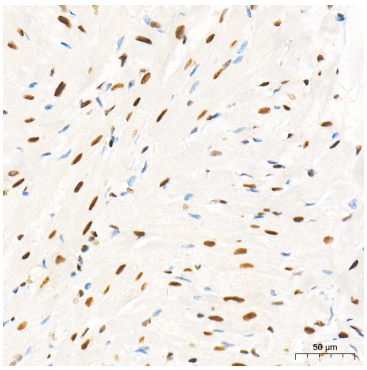


Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using TEAD1 Rabbit mAb (A29128) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse heart tissue using TEAD1 Rabbit mAb (A29128) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Rat heart tissue using TEAD1 Rabbit mAb (A29128) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.