# TEAD1 Rabbit mAb

Catalog No.: A5218 Recombinant 1 Publications



## **Basic Information**

### **Observed MW**

50kDa

#### **Calculated MW**

48kDa

### Category

Primary antibody

### **Applications**

WB,IP,ELISA,ChIP,CUT&Tag

### **Cross-Reactivity**

Human, Mouse, Rat

#### CloneNo number

ARC1157

## **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** 1:500 - 1:2000

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

CUT&Tag 10<sup>5</sup> cells /1 μg

### **Contact**

8		400-999-6126
$\times$	T	cn.market@abclonal.com.cn

## **Immunogen Information**

**Gene ID**7003

Swiss Prot
P28347

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

## **Synonyms**

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

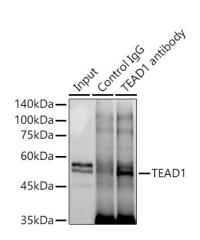
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

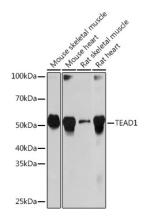
### **Storage**

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Immunoprecipitation analysis of 600  $\mu g$  extracts of Mouse skeletal muscle cells using 3  $\mu g$  TEAD1 antibody (A5218). Western blot was performed from the immunoprecipitate using TEAD1 antibody (A5218) at a dilution of 1:1000.



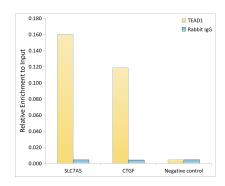
Western blot analysis of various lysates using TEAD1 Rabbit mAb (A5218) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

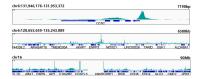
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Chromatin immunoprecipitation analysis of extracts of HepG2 cells, using TEAD1 antibody (A5218) 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.



CUT&Tag was performed using the CUT&Tag Assay Kit (pAG-Tn5) for Illumina(RK20265) from  $10^5$  Hep G2 cells with 1  $\mu g$  TEAD1 Rabbit mAb (A5218), along with a Goat Anti-Rabbit IgG(H+L). The CUT&Tag results indicate the enrichment pattern of TEAD1 in representative gene loci (SLC7A5), as shown in figure.