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# TBPL1 Rabbit pAb

Catalog No.: A7575 1 Publications

### **Basic Information**

### **Observed MW**

21kDa

### **Calculated MW**

21kDa

### Category

Polyclonal Antibody

### **Applications**

WB,IF/ICC,ELISA

### **Cross-Reactivity**

Human, Mouse

# **Background**

This gene encodes a member of the TATA box-binding protein family. TATA boxbinding proteins play a critical role in transcription by RNA polymerase II as components of the transcription factor IID (TFIID) complex. The encoded protein does not bind to the TATA box and initiates transcription from TATA-less promoters. This gene plays a critical role in spermatogenesis, and single nucleotide polymorphisms in this gene may be associated with male infertility. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 3.

# **Recommended Dilutions**

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

**ELISA** Recommended starting

> concentration is 1 µg/mL. Please optimize the concentration based on your specific

> > assay requirements.

### Contact

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## **Immunogen Information**

**Gene ID Swiss Prot** 9519 P62380

### **Immunogen**

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

### **Synonyms**

TLF; TLP; STUD; TRF2; MGC:8389; MGC:9620; TBPL1

### **Product Information**

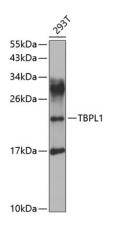
Source **Isotype Purification** Rabbit Affinity purification IgG

### Storage

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

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## **Validation Data**



Western blot analysis of lysates from 293T cells, using TBPL1 Rabbit pAb (A7575) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000

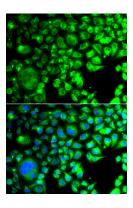
dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunofluorescence analysis of A549 cells using TBPL1 Rabbit pAb (A7575). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.