

# LEF1 Rabbit pAb

Catalog No.: A0909 **6 Publications**

## Basic Information

### Observed MW

25-58 kDa

### Calculated MW

44 kDa

### Category

Primary antibody

### Applications

WB,IP,IF-P,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a transcription factor belonging to a family of proteins that share homology with the high mobility group protein-1. The protein encoded by this gene can bind to a functionally important site in the T-cell receptor-alpha enhancer, thereby conferring maximal enhancer activity. This transcription factor is involved in the Wnt signaling pathway, and it may function in hair cell differentiation and follicle morphogenesis. Mutations in this gene have been found in somatic sebaceous tumors. This gene has also been linked to other cancers, including androgen-independent prostate cancer. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:500 - 1:5000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

**IF-P** 1:50 - 1:200

**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Immunogen Information

### Gene ID

51176

### Swiss Prot

Q9UJU2

### Immunogen

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

### Synonyms

LEF-1; TCF10; TCF7L3; TCF1ALPHA; LEF1

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

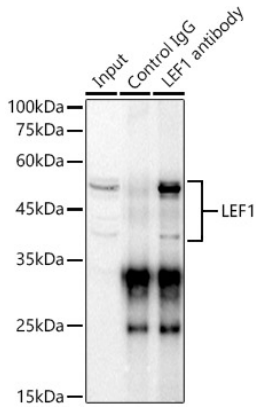
Affinity purification

### Storage

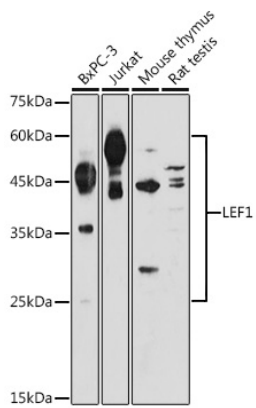
Store at -20°C. Avoid freeze / thaw cycles.

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

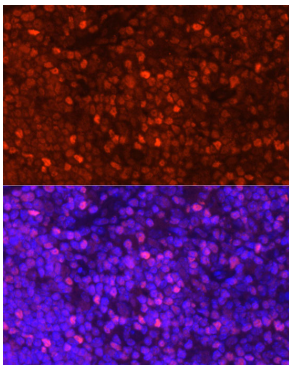
## Validation Data



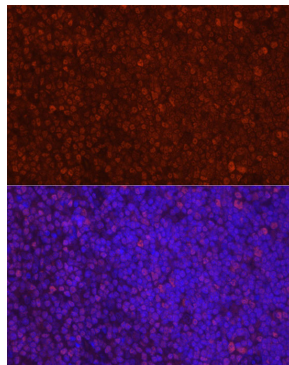
Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg LEF1 Rabbit pAb(A0909). Western blot was performed from the immunoprecipitate using LEF1 Rabbit pAb(A0909) at a dilution of 1:1000.



Western blot analysis of various lysates using LEF1 Rabbit pAb (A0909) 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: 180s.



Immunofluorescence analysis of paraffin-embedded mouse thymus using LEF1 Rabbit pAb (A0909) at dilution of 1:20 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded rat thymus using LEF1 Rabbit pAb (A0909) at dilution of 1:20 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.