

LEF1 Rabbit pAb

Catalog No.: A0909

4 Publications

Basic Information

Observed MW

25-58kDa

Calculated MW

44kDa

Category

Primary antibody

Applications

ELISA, WB, IP, IF/ICC

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 - 1:1000

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

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

51176

Swiss Prot

Q9UJU2

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-132 of human LEF1 (NP_057353.1).

Synonyms

LEF-1; TCF10; TCF7L3; TCF1ALPHA; LEF1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

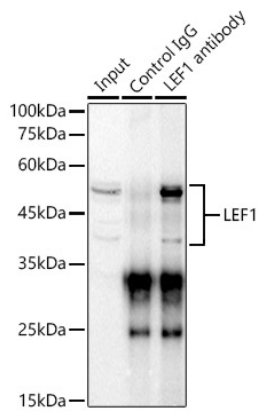
Affinity purification

Storage

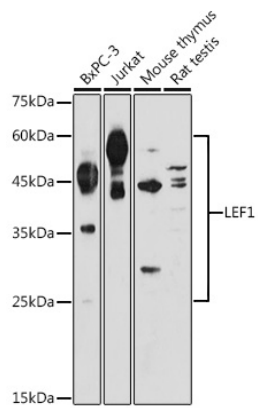
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

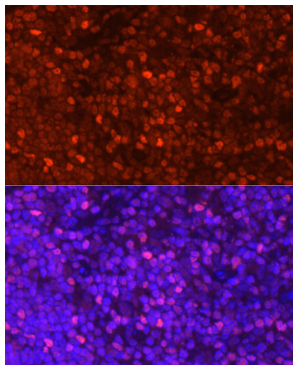
Validation Data



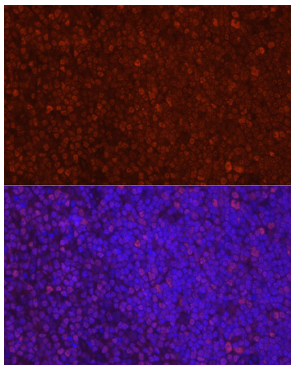
Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg LEF1 antibody (A0909). Western blot was performed from the immunoprecipitate using LEF1 antibody (A0909) at a dilution of 1:1000.



Western blot analysis of various lysates using LEF1 Rabbit pAb (A0909) at 1:1000 dilution. Secondary antibody: HRP 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 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 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.