LEF1 Rabbit mAb

Catalog No.: A23458   **Recombinant**

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Basic Information

Observed MW
25-60kDa

Calculated MW
44kDa

Category
Primary antibody

Applications
ELISA,WB,IP

Cross-Reactivity
Human, Mouse

CloneNo number
ARC57430

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   1:2000 - 1:10000

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

Immunogen Information

Gene ID
51176

Swiss Prot
Q9UJU2

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human LEF1. (NP_057353.1).

Synonyms
LEF-1; TCF10; TCF7L3; TCF1ALPHA; LEF1

Contact

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Product Information

Source
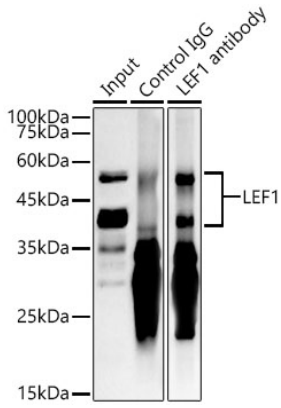Rabbit

Isotype
IgG

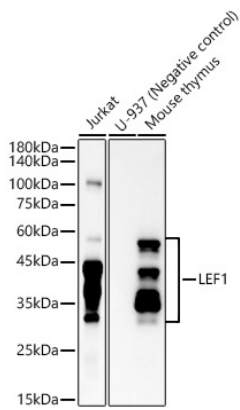**Purification**
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data

Immunoprecipitation analysis of 300 μg extracts of Human cells using 3 μg LEF1 antibody (A23458). Western blot was performed from the immunoprecipitate using LEF1 antibody (A23458) at a dilition of 1:20000.

Western blot analysis of various lysates, using LEF1 Rabbit mAb (A23458) at 1:10000 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: 60s.