

## LEF1 polyclonal antibody

Catalog: BS74307

Host: Rabbit

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.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

25-58kDa

### Swiss-Prot:

Q9UJU2

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB,1:500 - 1:2000|IP,1:50 - 1:200|IF/ICC,1:50 - 1:200

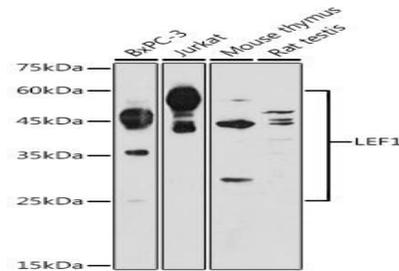
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

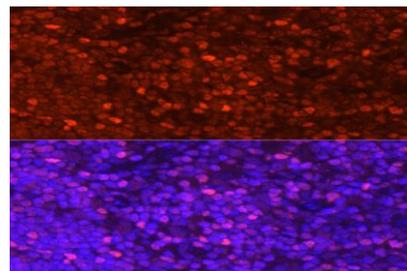
### Modification:

Unmodification

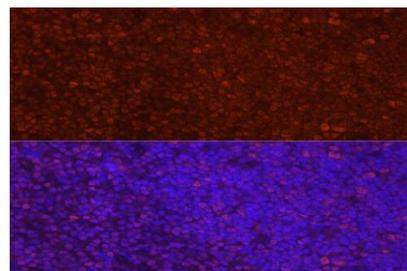
### DATA:



Western blot analysis of extracts of various cell lines, using LEF1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunofluorescence analysis of mouse thymus cells using LEF1 Rabbit pAb at dilution of 1:25. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat thymus cells using LEF1 Rabbit pAb at dilution of 1:25. Blue: DAPI for nuclear staining.

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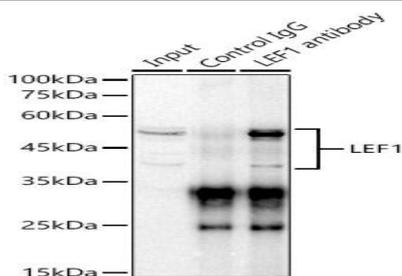
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Immunoprecipitation analysis of 300ug extracts of Jurkat cells using 3ug LEF1 antibody . Western blot was performed from the immunoprecipitate using LEF1 antibody at a dilution of 1:1000.

**Note:**

For research use only, not for use in diagnostic procedure.

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