

LEF1

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:200 - 1:2000

Calculated MW: 37kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human LEF1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

1 mg

Synonym:

KFZp586H0919; TCF1ALPHA

Catalog #: A0909

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 51176

Isotype: IgG

Swiss Prot: Q9UJU2

Purity: Affinity purification

For research use only.

Background:

Lymphoid enhancer-binding factor 1 (LEF1) belongs to a family of regulatory proteins that share homology with high mobility group protein-1, and it's a nuclear protein expressed in pre-B and T cells. LEF1 has a role in the Wnt signaling pathway and hair cell differentiation and follicle morphogenesis. Together with CTNNB1 and EP300, LEF1 activates transcription of target genes. Isoform 5 transcriptionally activates the fibronectin promoter, binds to and represses transcription from the E-cadherin promoter in a CTNNB1-independent manner, and is involved in reducing cellular aggregation and increasing cell migration of pancreatic cancer cells. Isoform 1 transcriptionally activates MYC and CCND1 expression and enhances proliferation of pancreatic tumor cells.

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