BT LAB
Bioassay Technology Laboratory
Optimize Your Research

LEF-1(Phospho Ser42) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10883
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human LEF-1 around the phosphorylation site of Ser42. AA range:8-57
Mol wt	44201
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Lymphoid enhancer-binding factor 1
Synonyms	Lymphoid enhancer-binding factor 1; LEF1; Lymphoid enhancer-binding factor 1; LEF-1; T cell-specific transcription factor 1-alpha; TCF1-alpha

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

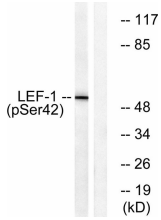
Recommended Dilution

WB: 1: 500 - 1: 2000

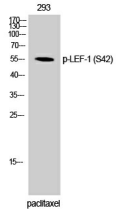
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western Blot analysis of 293 cells using Phospho-LEF-1 (S42) Polyclonal Antibody



Western blot analysis of lysates from 293 cells treated with paclitaxel 1uM 24h, using LEF-1 (Phospho-Ser42) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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