bs-9842R

[Primary Antibody]

phospho-LEF1 (Ser42) Rabbit pAb



www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

DATASHEET —

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 51176 SWISS: Q9UJU2

Target: LEF1 (Ser42)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human

LEF1 around the phosphorylation site of Ser42: EI(p-S)HP.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

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 androgenindependent prostate cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009].

Applications: WB (1:500-2000)

IHC-P (1:100-500) **IHC-F** (1:100-500) **IF** (1:100-500)

Reactivity: Human, Mouse

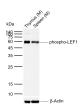
(predicted: Rat, Rabbit, Pig,

Cow, Chicken, Dog)

Predicted 44 kDa

Subcellular Nucleus Location:

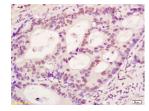
VALIDATION IMAGES



Sample: Lane 1: Mouse Thymus tissue lysates Lane 2: Mouse Spleen tissue lysates Primary: Anti-phospho-LEF1 (Ser42) (bs-9842R) at 1/1000 dilution Secondary: IRDve800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44 kDa Observed band size: 58 kDa



Sample: HL60(Human) Cell Lysate at 30 ug Primary: Anti- phospho-LEF1 (Ser42) (bs-9842R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44 kD Observed band size: 58 kD



Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-phospho-LEF1(Ser42) Polyclonal Antibody, Unconjugated(bs-9842R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

SELECTED CITATIONS —

• [IF=2.86] Fu, Qiang, et al. "Proteome Profile and Quantitative Proteomic Analysis of Buffalo (Bubalusbubalis) Follicular Fluid during Follicle Development." International Journal of Molecular Sciences 17.5 (2016): 618. WB; Other Species. 27136540