

bs-9842R**[Primary Antibody]****phospho-LEF1 (Ser42) Rabbit pAb****BioSS**
ANTIBODIES

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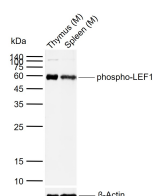
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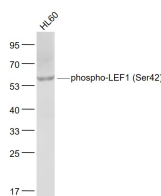
400-901-9800

— DATASHEET —

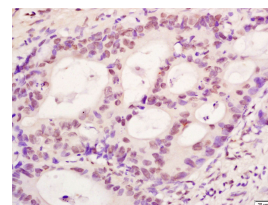
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:50-200)
Clonality: Polyclonal		
GeneID: 51176	SWISS: Q9UJU2	
Target: LEF1 (Ser42)		
Immunogen: KLH conjugated synthesised phosphopeptide derived from human LEF1 around the phosphorylation site of Ser42: EI(p-S)HP.		Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Chicken, Dog)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 44 kDa
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.		Subcellular Location: Nucleus
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. [provided by RefSeq, Oct 2009].		

— 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: IRDye800CW 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 paraffin-
embedded; 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 (Bubalus bubalis) Follicular Fluid during Follicle Development." International Journal of Molecular Sciences 17.5 (2016): 618. WB ;="Other Species". 27136540