

## LEF-1 (phospho-S42) polyclonal antibody

Catalog: BCP01031

Host: Rabbit

Reactivity: Human,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:

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

### Molecular Weight:

~ 53 kDa

### 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: 1:500~1:1000

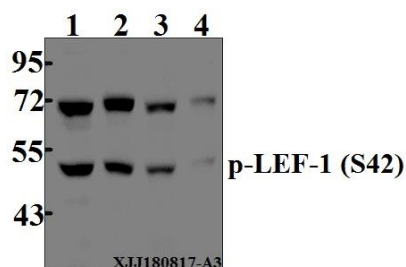
### Storage&Stability:

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

### Specificity:

p-LEF-1 (S42) pAb detects endogenous levels of LEF-1 protein only when phosphorylated at Ser42.

### DATA:



Western blot (WB) analysis of p-LEF-1 (S42) pAb at 1:500 dilution

Lane1:HCT116 whole cell lysate(40 µg)

Lane2:LOVO whole cell lysate(40 µg)

Lane3:DLD whole cell lysate(40 µg)

Lane4:The Thymus lysate of Rat(40 µg)

### Note:

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