

## p-LYN(Y397) polyclonal antibody

Catalog: BS64153

Host: Rabbit

Reactivity: Human,Rat,Mouse

### BackGround:

The Src family of protein tyrosine kinases, which includes Src, Lyn, Fyn, Yes, Lck, Blk, and Hck, are important in the regulation of growth and differentiation of eukaryotic cells. Src activity is regulated by tyrosine phosphorylation at two sites, but with opposing effects. While phosphorylation at Tyr416 in the activation loop of the kinase domain upregulates enzyme activity, phosphorylation at Tyr527 in the carboxy-terminal tail by Csk renders the enzyme less active.

### Product:

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

### Molecular Weight:

~ 55kDa

### Swiss-Prot:

P07948

### 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

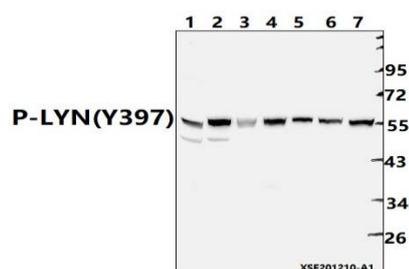
### Storage&Stability:

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

### Specificity:

LYN(phospho-Y397) polyclonal antibody detects endogenous levels of LYN(phospho-Y397) protein.

### DATA:



Western blot (WB) analysis of LYN(phospho-Y397) polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:K562 whole cell lysate(40ug)

Lane4:C6 whole cell lysate(40ug)

Lane5:AML-12 whole cell lysate(40ug)

Lane6:SHSY5Y whole cell lysate(40ug)

Lane7:U-87MG whole cell lysate(40ug)

### Note:

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

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