

## Paxillin (L25) polyclonal antibody

Catalog: BS3585

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Paxillin is a multidomain protein that localizes primarily to focal adhesion sites in the extracellular matrix. Paxillin is one of the key components of integrin signaling, and tyrosine phosphorylation of paxillin is required for integrin-mediated cytoskeletal reorganization. Paxillin is phosphorylated by another focal adhesion component, focal adhesion kinase (FAK), at Tyr118. Phospho-Paxillin (Tyr118) may provide a docking site for recruitment of other signaling molecules to focal adhesions. It has been shown that the SH2 domain of Crk binds to the phosphorylated Tyr118 of paxillin.

### Product:

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

### Molecular Weight:

~ 54,68 kDa

### Swiss-Prot:

P49023

### 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

IHC: 1:50~1:200

IF: 1:50~1:200

### Storage&Stability:

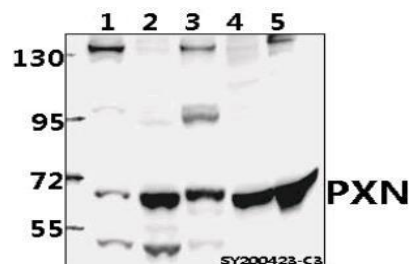
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Paxillin (L25) polyclonal antibody detects endogenous

levels of Paxillin protein.

### DATA:



Western blot (WB) analysis of PXN polyclonal antibody at 1:1000 dilution

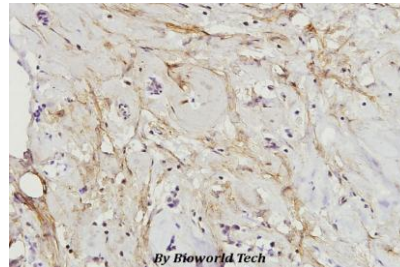
Lane1:MCF-7 whole cell lysate(40ug)

Lane2:Hela whole cell lysate(40ug)

Lane3:H460 whole cell lysate(40ug)

Lane4:PC12 whole cell lysate(40ug)

Lane5:CT-26 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Paxillin (L25) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

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

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