

## Paxillin polyclonal antibody

Catalog: BS91030

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

Paxillin is a focal adhesion phosphoprotein that is localized to the cytoskeleton. Phosphorylation of paxillin has been shown to occur in response to PDGF treatment, v-Src transformation or cross-linking of integrins. FAK (focal adhesion kinase) and PYK2 have been shown to phosphorylate paxillin. FAK phosphorylates paxillin specifically on Tyr 118 in vitro. However, FAK phosphorylation does not seem to be required for the recruitment of paxillin to cell adhesion sites. Paxillin may play a role in signal transduction, regulation of cell morphology and the recruitment of structural and signaling molecules to focal adhesions. It has been shown that the amount of paxillin is reduced in mitotic cells by proteolytic downregulation and that paxillin is alternatively phosphorylated on serine rather than on tyrosine and serine during mitosis.

**Product:**

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

**Molecular Weight:**

65 kDa

**Swiss-Prot:**

P49023(Human) Q8VI36(Mouse) Q66H76(Rat)

**Purification&Purity:**

ProA affinity purified

**Applications:**

WB:1:1,000-1:2,000

ICC:1:50-1:200

IHC:1:50-1:200

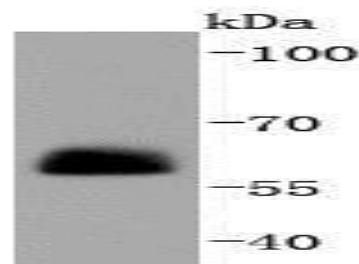
**Storage&Stability:**

Store at +4 °C after thawing. Aliquot store at -20 °C or

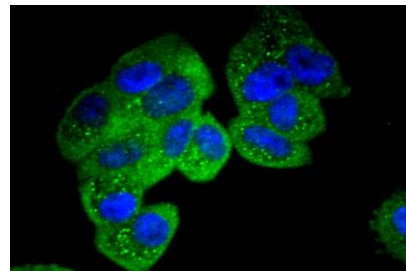
-80 °C. Avoid repeated freeze / thaw cycles.

**Specificity:**

Paxillin polyclonal antibody detects endogenous levels of Paxillin protein.

**DATA:**

Western blot analysis of Paxillin on NIH/3T3 cells lysates using anti-Paxillin antibody at 1/1,000 dilution.



ICC staining Paxillin in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

**Note:**

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

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