# Paxillin (phospho-Y88) polyclonal antibody

**Catalog:** BS4810  
**Host:** Rabbit  
**Reactivity:** Human

## Background:
Paxillin is a focal adhesion phosphoprotein that is localized to the cytoskeleton. 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 down-regulation and that paxillin is alternatively phosphorylated on serine rather than on tyrosine and serine during mitosis.

## Product:
1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

## Molecular Weight:
~ 65 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

## Storage & Stability:
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

## Specificity:
p-Paxillin (Y88) pAb detects endogenous levels of Paxillin protein only when phosphorylated at Tyr88.

## DATA:

### Note:
For research use only, not for use in diagnostic procedure.