

## Anti-Paxillin Polyclonal Antibody

**CATALOG #:** 3448-100

**AMOUNT:** 100 µg

**LOT #:** \_\_\_\_\_

**HOST:** Rabbit

### FORMULATION:

100 µg (0.5 mg/ml) purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 50% glycerol, 1% BSA, and 0.02% sodium azide.

**SPECIES REACTIVITY:** Human, Mouse, Rat

### STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### BACKGROUND:

Paxillin is one of the key components of integrin signaling. Tyrosine phosphorylation of paxillin is required for integrin-mediated cytoskeletal reorganization. Paxillin is phosphorylated by another focal adhesion component, focal adhesion kinase (FAK), at tyrosine 118. Phospho-Tyr118 may provide a docking site for recruitment of other signaling molecules to focal adhesions.

### SPECIFICITY:

The antibody recognizes 68 kDa Paxillin of human, mouse, and rat origins. Reactivity to other species has not been tested.

### APPLICATION:

The antibody can be used in Western blotting (1-2 µg/ml). However, the optimal concentrations should be determined individually.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

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- Apoptosis siRNA Vectors

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- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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- 5 Minutes DNA Ligation Kit
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