

Paxillin Rabbit monoclonal antibody

Catalog: MB66448

Host: Rabbit

Reactivity: Human, Rat, Hamster

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:

Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.

Molecular Weight:

~ 62 kDa

Swiss-Prot:

P49023

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/100), IP (1/10 - 1/50)

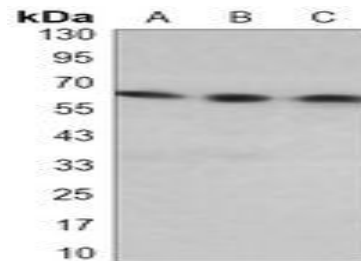
Storage&Stability:

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

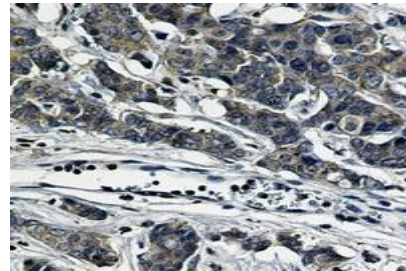
Specificity:

Recognizes endogenous levels of Paxillin protein.

DATA:



Western blot analysis of Paxillin expression in HeLa (A), CHOK1 (B), C6 (C) whole cell lysates.



Immunohistochemical analysis of Paxillin staining in human breast carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.24). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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