

**Paxillin Antibody**  
Rabbit mAb  
Catalog # AP90317

## Specification

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### Paxillin Antibody - Product Information

Application	WB, IHC, ICC, IP
Primary Accession	<a href="#">P49023</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
Paired box protein Pax-1; PAX-1; PAXI; paxillin; paxillin alpha;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	64505 Da

### Paxillin Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Paxillin
Description	Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). PXN is a multi-domain cytoskeletal protein that localizes primarily to focal adhesion sites to the extracellular matrix. Phosphorylated by focal adhesion kinase (FAK) and is a component of integrin signaling. Its phosphorylation provides docking sites for recruitment of signaling molecules to focal adhesions.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### Paxillin Antibody - Protein Information

**Name** PXN

#### Function

Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). Recruits other proteins such as TRIM15 to focal adhesion.

#### Cellular Location

Cytoplasm, cytoskeleton. Cell junction, focal adhesion. Cytoplasm, cell cortex

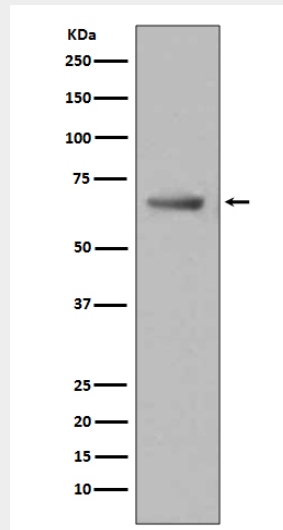
{ECO:0000250|UniProtKB:Q8VI36}. Note=Colocalizes with integrins at the cell periphery. Colocalize with PXN to membrane ruffles and the leading edge of migrating cells (PubMed:23128389). {ECO:0000250, ECO:0000269|PubMed:23128389}

### Paxillin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Paxillin Antibody - Images



Western blot analysis of Paxillin expression in HeLa cell lysate.