

Anti-Paxillin Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

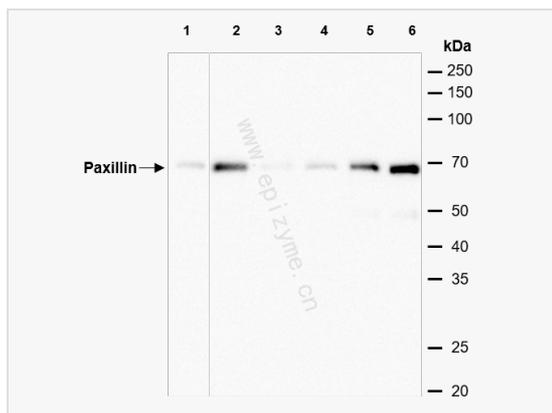
Catalog # R012743

Product Information

Application	IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA, WB
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	48K71K78
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Paxillin
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Paxillin Rabbit mAb [48K71K78] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	FLJ16691, FLJ23042, Paired box protein Pax 1, PAX 1, PAX1, PAXI_HUMAN, Paxillin alpha, Paxillin, PXN, PXN protein.
Calculated MW	Calculated MW: 68 kDa; Observed MW: 68 kDa
Uniprot ID	P49023
Gene ID	5829
Background	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.



Western Blot - Anti-Paxillin Rabbit mAb [48K71K78]

All lanes: R012743 at 1:2,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 3: SCC-9 (Human tongue squamous carcinoma epithelial cell) whole cell lysates

Lane 4: U2OS (Human osteosarcoma epithelial cell) whole cell lysates

Lane 5: Rat heart whole cell lysates

Lane 6: Rat lung whole cell lysates

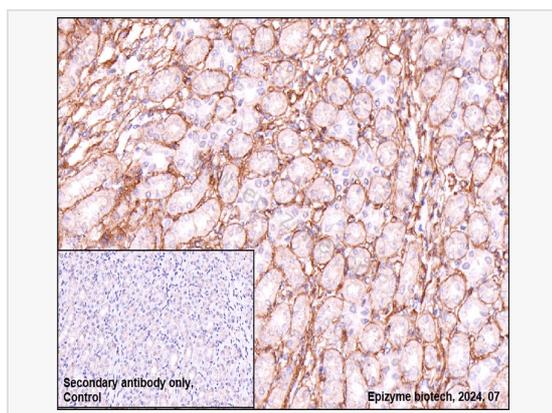
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 68 kDa

Observed band size: 68 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-Paxillin Rabbit mAb [48K71K78]

Sample: Paraformaldehyde-fixed, paraffin embedded rat kidney tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R012743 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.