

Paxillin (PT0303R) PT® Rabbit mAb

Catalog No :	YM8177
Reactivity :	Human; Mouse; Rat;
Applications :	WB;IHC;IF;IP;ELISA
Target :	Paxillin
Fields :	>>Chemokine signaling pathway;>>VEGF signaling pathway;>>Focal adhesion;>>Leukocyte transendothelial migration;>>Regulation of actin cytoskeleton;>>Bacterial invasion of epithelial cells;>>Shigellosis;>>Yersinia infection;>>Human cytomegalovirus infection;>>Human papillomavirus infection;>>Human immunodeficiency virus 1 infection;>>Viral carcinogenesis;>>Proteoglycans in cancer
Gene Name :	PXN
Protein Name :	Paxillin
Human Gene Id :	5829
Human Swiss Prot No :	P49023
Mouse Gene Id :	19303
Mouse Swiss Prot No :	Q8VI36
Rat Gene Id :	360820
Rat Swiss Prot No :	Q66H76
Specificity :	endogenous
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Monoclonal, rabbit, IgG, Kappa
Dilution :	IHC 1:1000-1:4000;WB 1:1000-1:5000;IF 1:200-1:1000;ELISA

1:5000-1:20000;IP 1:50-1:200;

Purification : Protein A

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 68kD

Observed Band : 68kD

Cell Pathway : Chemokine;VEGF;Focal adhesion;Leukocyte transendothelial migration;Regulates Actin and Cytoskeleton;

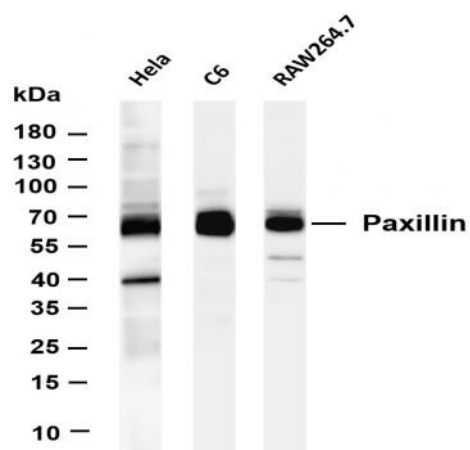
Background : This gene encodes a cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. These isoforms exhibit different expression pattern, and have different biochemical, as well as physiological properties (PMID:9054445). [provided by RefSeq, Aug 2011],

Function : function:Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion).,PTM:Phosphorylated on tyrosine residues during integrin-mediated cell adhesion, embryonic development, fibroblast transformation and following stimulation of cells by mitogens.,similarity:Belongs to the paxillin family.,similarity:Contains 3 LIM zinc-binding domains.,similarity:Contains 4 LIM zinc-binding domains.,subunit:Binds in vitro to vinculin as well as to the SH3 domain of c-SRC and, when tyrosine phosphorylated, to the SH2 domain of V-CRK. Isoform beta binds to focal adhesion kinase but weakly to vinculin. Isoform gamma binds to vinculin but only weakly to focal adhesion kinase. Interacts with GIT1, NUDT16L1/SDOS, PARVA and TGFB111. Component of cytoplasmic complexes, which also contain GIT1, ARHGEF6 and PAK1 (By similarity). Binds ASAP2. Int

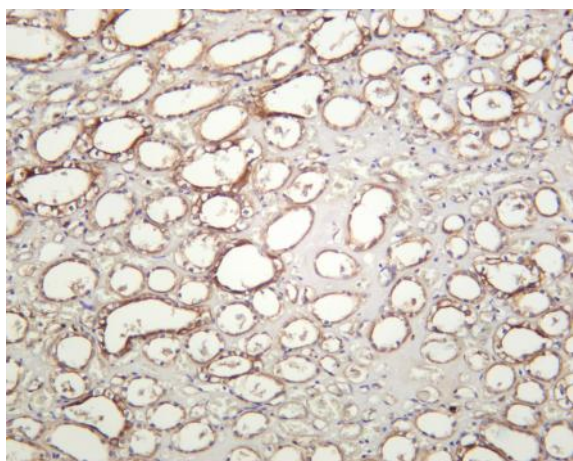
Subcellular Location : Cytoplasm

Expression : Brain,Epithelium,Lung,Placenta,T-cell,Uterus,

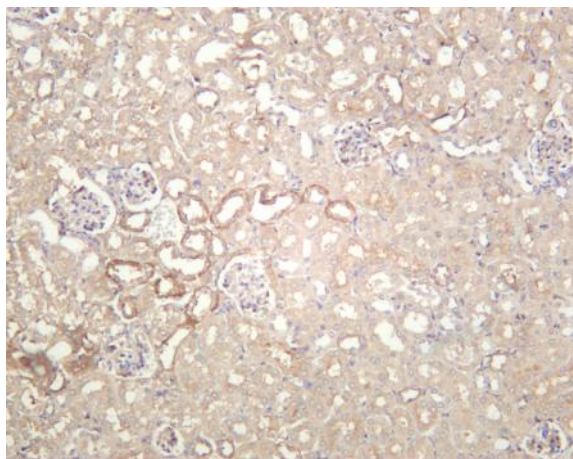
Products Images



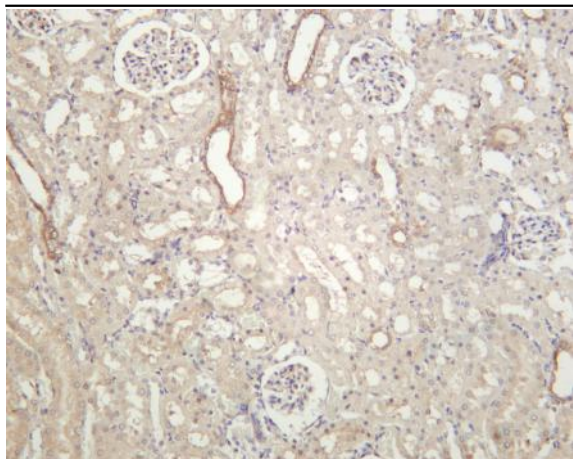
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Paxillin (PT0303R) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: C6 Lane 3: RAW264.7 Predicted band size: 68kDa Observed band size: 68kDa



Human kidney was stained with anti-Paxillin (PT0303R) rabbit antibody



Mouse kidney was stained with anti-Paxillin (PT0303R) rabbit antibody



Rat kidney was stained with anti-Paxillin (PT0303R) rabbit antibody