Paxillin (Phospho Tyr118) (PT0675R) PT™ Rabbit mAb

CatalogNo: YM8268 Recombinant

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB,ICC/IF,ELISA

MW
- 65kD (Calculated)

65kD (Observed)

Isotype
- IgG, Kappa

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

WB 1:2000-1:10000
ICC/IF 1:200-1:1000
ELISA 1:5000-1:20000

Basic Information

Clonality	Monoclonal
Clone Number	PT0675R

Immunogen Information

Immunogen	The specific immunogen used to produce this antibody is proprietary information.
Specificity	This antibody detects endogenous levels of Paxillin only when phosphorylated at Tyr118.This antibody does not recognize phosphorylated at other sites.

Target Information

Gene name PXN

Protein Name Paxillin

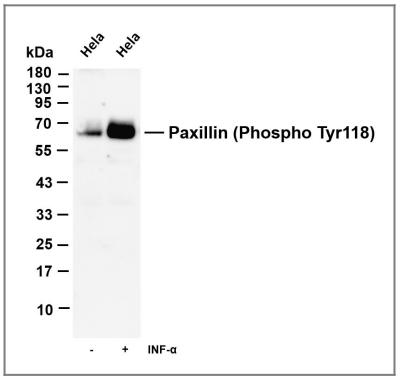
Organism	Gene ID	UniProt ID
Human	5829;	P49023;
Mouse	19303;	Q8VI36;
Rat	360820;	Q66H76;

Cellular Localization Cytoplasm , Nucleus

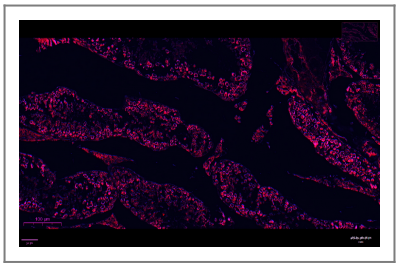
Tissue specificity Brain ,Epithelium ,Lung ,Placenta ,T-cell ,Uterus ,

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 TGFB1I1. Component of cytoplasmic complexes , which also contain GIT1 , ARHGEF6 and PAK1 (By similarity) . Binds ASAP2. Interacts with unphosphorylated ITGA4. Interacts with RNF5. ,

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Paxillin (Phospho Tyr118) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Hela Lane 2: Hela Serum starvation for 4 hours then treated with EGF (200 ng/mL) for 15 minutes Predicted band size: 65kDa Observed band size: 65kDa



Fluorescence immunohistochemical analysis of Mouse testis

Contact information

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Please scan the QR code to access additional product information: **Paxillin (Phospho Tyr118) (PT0675R) PT™ Rabbit mAb**

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