

#### KD-Validated Anti-Phospho-Paxillin (Y118) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody Catalog # AGI1634

#### **Specification**

### KD-Validated Anti-Phospho-Paxillin (Y118) Rabbit Monoclonal Antibody - Product Information

Application WB, ICC Primary Accession P49023

Reactivity Rat, Human, Mouse

Clonality Monoclonal Isotype Rabbit IgG

Calculated MW Predicted, 65 kDa , observed , 68 kDa KDa

Gene Name

Aliases Paxillin; Testicular Tissue Protein Li 134
Immunogen A synthesized peptide derived from human

Phospho-Paxillin (Y118)

## KD-Validated Anti-Phospho-Paxillin (Y118) Rabbit Monoclonal Antibody - Additional Information

Gene ID **5829** 

Other Names Paxillin, PXN

# KD-Validated Anti-Phospho-Paxillin (Y118) Rabbit Monoclonal Antibody - Protein Information

#### Name PXN (HGNC:9718)

#### **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}

#### KD-Validated Anti-Phospho-Paxillin (Y118) Rabbit Monoclonal Antibody - Protocols

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

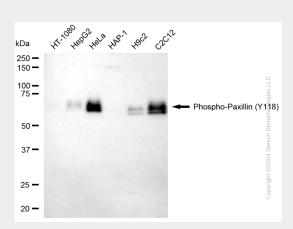
- Western Blot
- Blocking Peptides



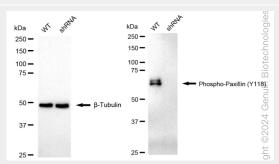
Tel: 858.875.1900 Fax: 858.875.1999

- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

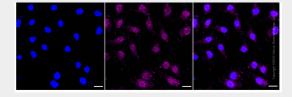
### KD-Validated Anti-Phospho-Paxillin (Y118) Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-Phospho-Paxillin (Y118) antibody (Cat#AGI1634). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-Paxillin (Y118) antibody (Cat#AGI1634, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Phospho-Paxillin (Y118) antibody (Cat#AGI1634). Phospho-Paxillin (Y118) expression in wild type (WT) and Phospho-Paxillin (Y118) shRNA knockdown (KD) HeLa cells with 20 μg of total cell lysates. β-Tubulinserves as a loading control. The blot was incubated with anti-Phospho-Paxillin (Y118) antibody (Cat#AGI1634, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of Hela cells with anti-Phospho-Paxillin (Y118) antibody (Cat#AGI1634, 1:1,000). Nuclei were stained blue with DAPI; Phospho-Paxillin (Y118) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 µm.