

KD-Validated Anti-Paxillin Rabbit Polyclonal Antibody
Rabbit polyclonal antibody
Catalog # AGI2130**Specification**

KD-Validated Anti-Paxillin Rabbit Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P49023
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 64 kDa, observed, 68 kDa
Gene Name	PXN
Aliases	PXN; Paxillin; Testicular Tissue Protein Li 134
Immunogen	A synthesized peptide derived from human Paxillin

KD-Validated Anti-Paxillin Rabbit Polyclonal Antibody - Additional Information

Gene ID	5829
Other Names	
Paxillin, PXN	

KD-Validated Anti-Paxillin Rabbit Polyclonal 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}

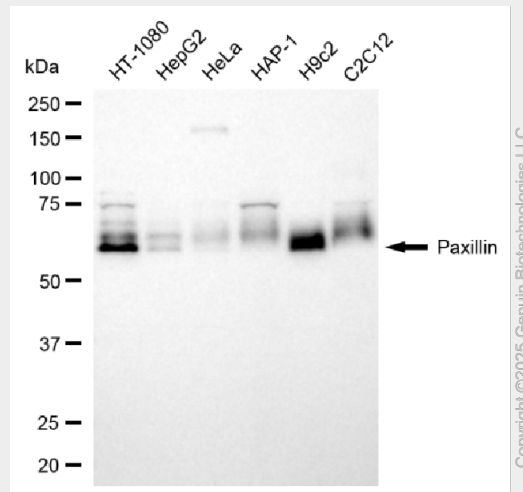
KD-Validated Anti-Paxillin Rabbit Polyclonal Antibody - Protocols

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

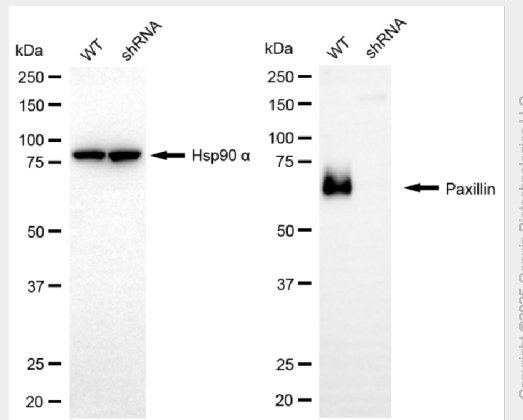
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KD-Validated Anti-Paxillin Rabbit Polyclonal Antibody - Images



Western blotting analysis using anti-paxillin antibody (Cat#AGI2130). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-paxillin antibody (Cat#AGI2130, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-paxillin antibody (Cat#AGI2130). Paxillin expression in wild-type (WT) and paxillin (PXN) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-paxillin antibody (Cat#AGI2130, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.