

For Research Use Only

Zyxin Monoclonal antibody, PBS Only

Catalog Number: 60254-1-PBS



Basic Information

Catalog Number: 60254-1-PBS	GenBank Accession Number: BC008743	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7791	CloneNo.: 4D7E7
Source: Mouse	UNIPROT ID: Q15942	
Isotype: IgG1	Full Name: zyxin	
Immunogen Catalog Number: AG0419	Calculated MW: 80 kDa	
	Observed MW: 78 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Focal adhesions are actin-rich structures that enable cells to adhere to the extracellular matrix and at which protein complexes involved in signal transduction assemble. Zyxin (ZYN) is a zinc-binding phosphoprotein that concentrates at focal adhesions and along the actin cytoskeleton. Zyxin has an N-terminal proline-rich domain and three LIM domains in its C-terminal half. The proline-rich domain may interact with SH3 domains of proteins involved in signal transduction pathways while the LIM domains are likely involved in protein-protein binding. Zyxin may function as a messenger in the signal transduction pathway that mediates adhesion-stimulated changes in gene expression and may modulate the cytoskeletal organization of actin bundles.

Storage

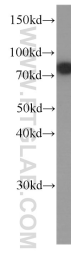
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

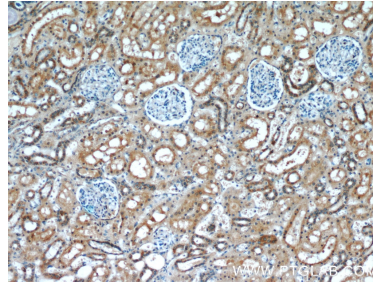
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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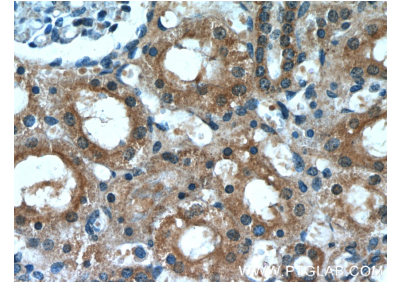
Selected Validation Data



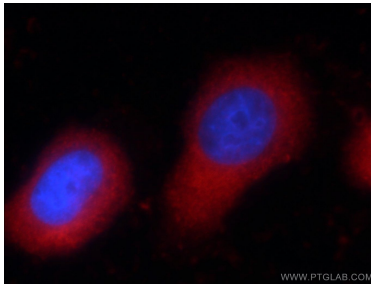
HeLa cells were subjected to SDS PAGE followed by western blot with 60254-1-Ig (Zyxin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60254-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney slide using 60254-1-Ig (Zyxin antibody at dilution of 1:50. This data was developed using the same antibody clone with 60254-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney slide using 60254-1-Ig (Zyxin antibody at dilution of 1:50. This data was developed using the same antibody clone with 60254-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of HeLa cells using 60254-1-Ig (Zyxin antibody) at dilution of 1:50 and Rhodamine-Goat anti-Mouse IgG. This data was developed using the same antibody clone with 60254-1-PBS in a different storage buffer formulation.