

For Research Use Only

# Zyxin Monoclonal antibody, PBS Only



Catalog Number: 60254-1-PBS

## Basic Information

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

## Applications

**Tested Applications:**  
WB, Indirect ELISA, IHC, IF

**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 (ZYX) 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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:

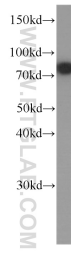
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

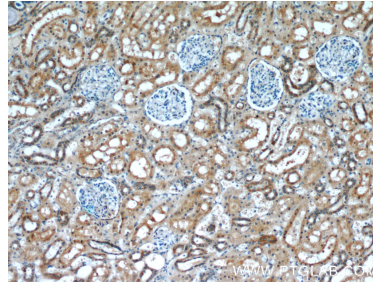
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

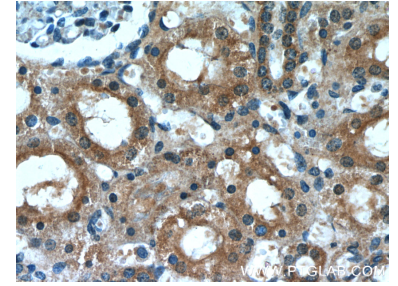
## Selected Validation Data



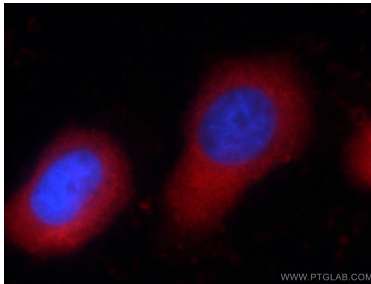
HeLa cells were subjected to SDS PAGE followed by western blot with 60254-1-Ig (Zyxin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60254-1-PBS in a different storage buffer formulation.



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.