

For Research Use Only

# SH3PXD2A Recombinant monoclonal antibody, PBS Only

Catalog Number:86832-2-PBS



## Basic Information

<b>Catalog Number:</b> 86832-2-PBS	<b>GenBank Accession Number:</b> NM_001394015.1	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 9644	<b>CloneNo.:</b> 251694C3
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q5TCZ1	
<b>Immunogen Catalog Number:</b> AG39231	<b>Full Name:</b> SH3 and PX domains 2A	
	<b>Calculated MW:</b> 125kDa, 1133aa	
	<b>Observed MW:</b> 130-150 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

SH3PXD2A is also named as FISH, KIAA0418, SH3MD1, TKS5. SH3PXD2A contains an amino-terminal PX domain followed by five SH3 domains. It is a cytoplasmic protein in normal fibroblasts (PMID: 19464300). The p140 and p130 forms of SH3PXD2A may be generated by other splice variations. The complexity of SH3PXD2A isoforms is also evident in different cell types. For example in human platelets a single band of 150 kDa was detected, whereas all three forms were found in human fibroblasts and vascular smooth muscle cells (PMID: 9687503).

## 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, pH7.3

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

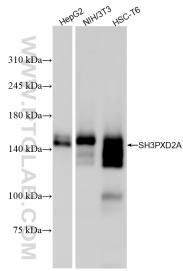
T: 4006900926

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

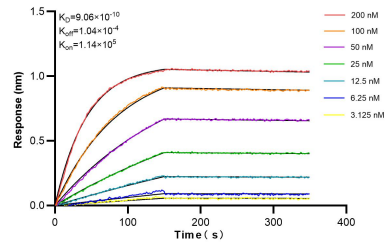
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86832-2-RR (SH3PXD2A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86832-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86832-2-RR against Human SH3PXD2A were performed. The affinity constant is 0.906 nM.