

For Research Use Only

# SH3BP5 Monoclonal antibody, PBS Only



Catalog Number: 67841-1-PBS

## Basic Information

<b>Catalog Number:</b> 67841-1-PBS	<b>GenBank Accession Number:</b> BC010123	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9467	<b>CloneNo.:</b> 1B9D4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O60239	
<b>Isotype:</b> IgG1	<b>Full Name:</b> SH3-domain binding protein 5 (BTK-associated)	
<b>Immunogen Catalog Number:</b> AG30252	<b>Calculated MW:</b> 47 kDa	
	<b>Observed MW:</b> 75 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, rabbit, mouse, rat, pig, chicken

## Background Information

SH3BP5(SH3 domain-binding protein 5) is also named as SAB. It is previously isolated in a screen for proteins capable of binding to the Src homology 3 (SH3) domain of Bruton's tyrosine kinase (Btk) and could play a role in targeting JNK and Btk to mitochondria and/or mediating cross-talk between the JNK and Btk signalling pathways. It has 2 isoforms produced by alternative splicing with the molecular mass of 50 kDa and 32 kDa. There are two bands of 83 kDa and 70 kDa can be detected in A431 and the larger species may correspond to splice variants of SH3BP5 or SH3BP5 proteins that have undergone post-translational modification(PMID:12167088). In addition, we detect the band of 32 kDa as the isoform 2 of SH3BP5 and another band of 62 kDa besides the 47 kDa and 80 kDa.

## Storage

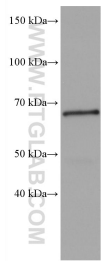
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

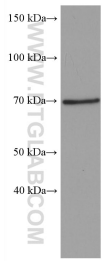
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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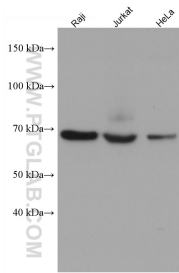
## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 67841-1-Ig (SH3BP5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67841-1-PBS in a different storage buffer formulation.



chicken brain tissue were subjected to SDS PAGE followed by western blot with 67841-1-Ig (SH3BP5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67841-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 67841-1-Ig (SH3BP5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67841-1-PBS in a different storage buffer formulation.