

For Research Use Only

# SH3BP5 Monoclonal antibody, PBS Only



Catalog Number: 67841-1-PBS

## Basic Information

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

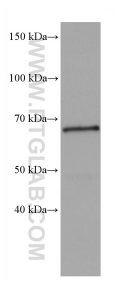
T: 4006900926

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

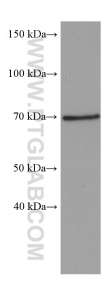
W: [ptgcn.com](http://ptgcn.com)

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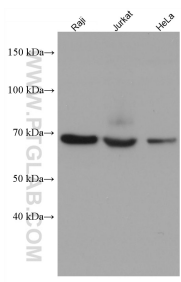
## Selected Validation Data



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.