

For Research Use Only

# SH3BP5 Polyclonal antibody

Catalog Number: 11127-2-AP

Featured Product

6 Publications



## Basic Information

Catalog Number:

11127-2-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1592

GenBank Accession Number:

BC010123

GeneID (NCBI):

9467

UNIPROT ID:

O60239

Full Name:

SH3-domain binding protein 5 (BTK-associated)

Calculated MW:

47 kDa

Observed MW:

32 kDa, 50-83 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:500

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB: Raji cells,

IHC: human ovary tumor tissue,

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Minjing Li	31546831	Biomolecules	WB
Yuwei Jiang	35592421	Front Pharmacol	WB
Sanda Win	25666017	J Hepatol	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

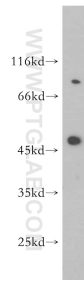
T: 4006900926

E: Proteintech-CN@ptglab.com

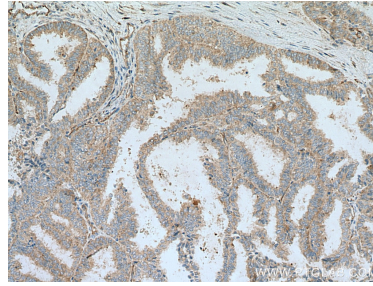
W: ptgcn.com

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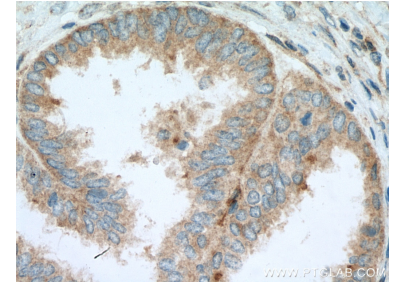
## Selected Validation Data



Raji cells were subjected to SDS PAGE followed by western blot with 11127-2-AP (SH3BP5 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11127-2-AP (SH3BP5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11127-2-AP (SH3BP5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0).