

For Research Use Only

SH3BP5 Polyclonal antibody

Catalog Number: 11127-2-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

11127-2-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

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:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB: Raji cells,

IHC: human ovary tumor tissue,

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

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

*** 20ul sizes contain 0.1% BSA

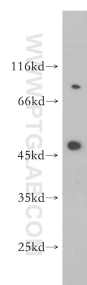
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

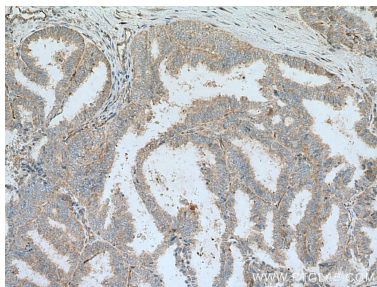
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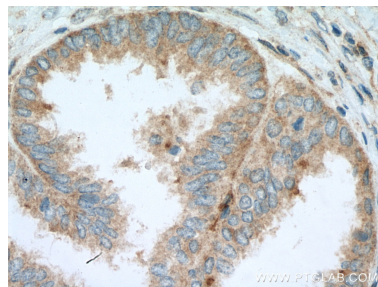
Selected Validation Data



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).