

For Research Use Only

SH3BP5 Monoclonal antibody

Catalog Number: 67841-1-Ig



Basic Information

Catalog Number:

67841-1-Ig

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 485 ug/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30252

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:

50-83 kDa

Purification Method:

Protein G purification

CloneNo.:

1B9D4

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat, pig, rabbit, chicken

Positive Controls:

WB: Raji cells, chicken brain tissue, mouse brain tissue, pig brain tissue, rabbit brain tissue, Jurkat cells, HeLa cells

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

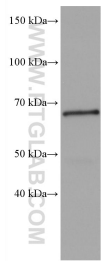
For technical support and original validation data for this product please contact:

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

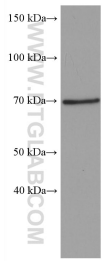
E: proteintech@ptglab.com
W: ptglab.com

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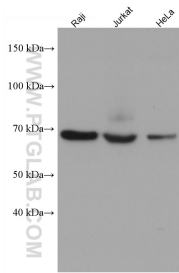
Selected Validation Data



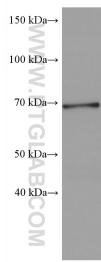
mouse brain tissue were subjected to SDS PAGE followed by western blot with 67841-1-Ig (SH3BP5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



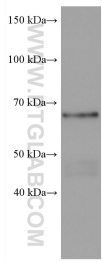
chicken brain tissue were subjected to SDS PAGE followed by western blot with 67841-1-Ig (SH3BP5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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.



rabbit 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.



pig 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.