

For Research Use Only

SH3BP5 Monoclonal antibody

Catalog Number: 67841-1-Ig



Basic Information

Catalog Number: 67841-1-Ig	GenBank Accession Number: BC010123	Purification Method: Protein A purification
Size: 150ul, Concentration: 1000 µg/ml by Nanodrop and 485 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9467	CloneNo.: 1B9D4
Source: Mouse	Full Name: SH3-domain binding protein 5 (BTK-associated)	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Calculated MW: 47 kDa	
Immunogen Catalog Number: AG30252	Observed MW: 75 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: Raji cells, mouse brain tissue, rabbit brain tissue, chicken brain tissue
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

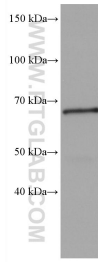
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

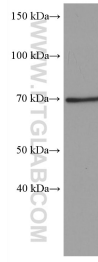
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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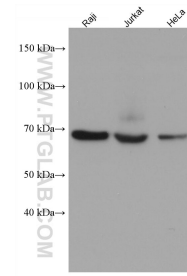
Selected Validation Data



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.



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.