

For Research Use Only

SH3GLB2 Monoclonal antibody, PBS Only



Catalog Number: 68325-1-PBS

Basic Information

Catalog Number: 68325-1-PBS	GenBank Accession Number: BC014635	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 56904	CloneNo.: 4B1A10
Source: Mouse	UNIPROT ID: Q9NR46	
Isotype: IgG1	Full Name: SH3-domain GRB2-like endophilin B2	
Immunogen Catalog Number: AG8932	Calculated MW: 395 aa, 44 kDa	
	Observed MW: 47-50 kDa	

Applications

Tested Applications:
WB,IP,Indirect ELISA,IHC,IF

Species Specificity:
Human, mouse, rat, pig, rabbit

Background Information

SH3GLB2 is an endophilin-related protein family with 395-amino acid protein and contains an N-terminal domain, a central coiled-coil region, and a C-terminal SH3 domain. SH3GLB2 is expressed in many tissues, including skeletal muscle, adipocytes, brain, lung, colon, and mammary gland. SH3GLB2 was expressed in the cytoplasm of transfected HeLa cells and was excluded from nuclei (PMID: 11161816).

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:

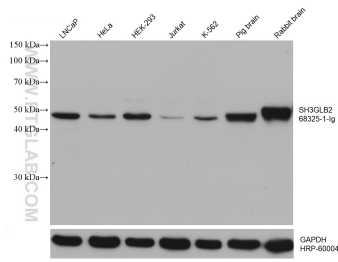
T: 4006900926

E: Proteintech-CN@ptglab.com

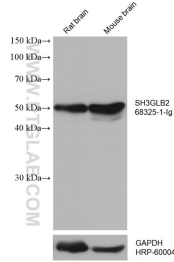
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

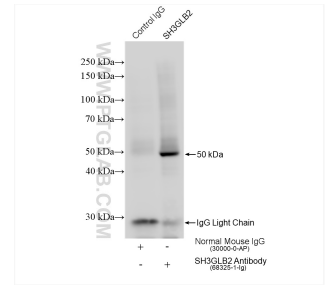
Selected Validation Data



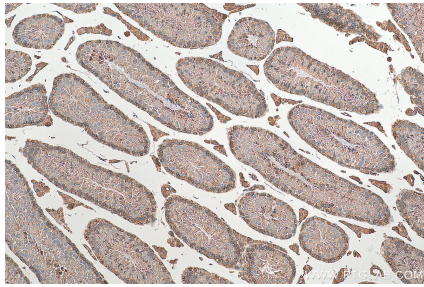
Various lysates were subjected to SDS PAGE followed by western blot with 68325-1-Ig (SH3GLB2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68325-1-PBS in a different storage buffer formulation.



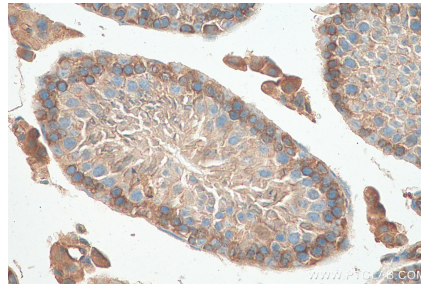
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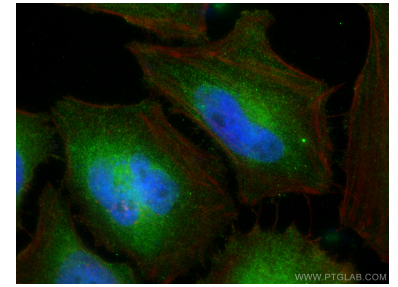
IP result of anti-SH3GLB2 (IP:68325-1-Ig, 4ug; Detection:68325-1-Ig 1:800) with HeLa cells lysate 1080 ug. This data was developed using the same antibody clone with 68325-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 68325-1-Ig (SH3GLB2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68325-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 68325-1-Ig (SH3GLB2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68325-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using SH3GLB2 antibody (68325-1-Ig, Clone: 4B1A10) at dilution of 1:1000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68325-1-PBS in a different storage buffer formulation.