

For Research Use Only

Sortilin Monoclonal antibody, PBS Only

Catalog Number: 68007-1-PBS



Basic Information

Catalog Number: 68007-1-PBS	GenBank Accession Number: BC023542	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 6272	CloneNo.: 2B11B9
Source: Mouse	ENSEMBL Gene ID: ENSG00000134243	
Isotype: IgG2a	UNIPROT ID: Q99523	
Immunogen Catalog Number: AG28043	Full Name: sortilin 1	
	Calculated MW: 831 aa, 92 kDa	
	Observed MW: 95-100 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, IF-P, ELISA

Species Specificity:
human, mouse, rat, pig

Background Information

Sortilin 1 (SORT1), is a trans-Golgi network (TGN) transmembrane protein and is a member of the Vps10p domain receptor family. SORT1 binds a number of unrelated ligands that participate in a wide range of cellular processes. It functions as a sorting receptor in the Golgi compartment and as a clearance receptor on the cell surface.

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:

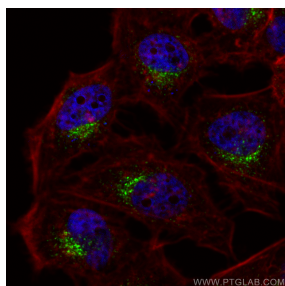
T: 4006900926

E: Proteintech-CN@ptglab.com

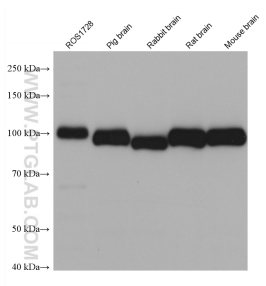
W: ptgcn.com

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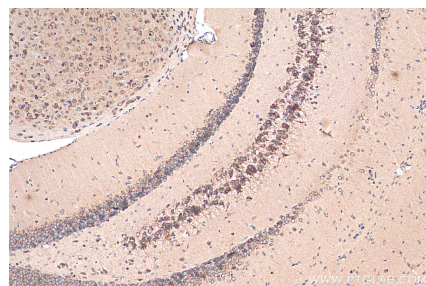
Selected Validation Data



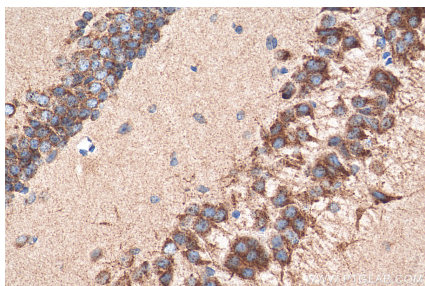
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Sortilin antibody (68007-1-Ig, Clone: 2B11B9) at dilution of 1:800 and CoraLite@488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68007-1-PBS in a different storage buffer formulation.



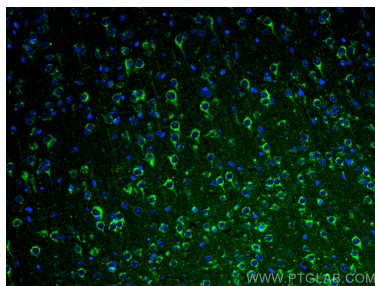
Various lysates were subjected to SDS PAGE followed by western blot with 68007-1-Ig (Sortilin antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68007-1-PBS in a different storage buffer formulation.



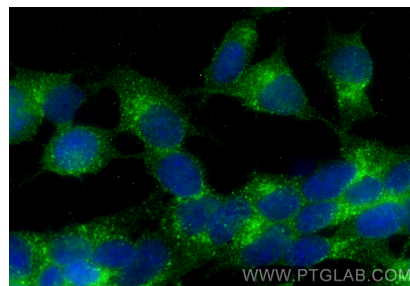
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 68007-1-Ig (Sortilin antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68007-1-PBS in a different storage buffer formulation.



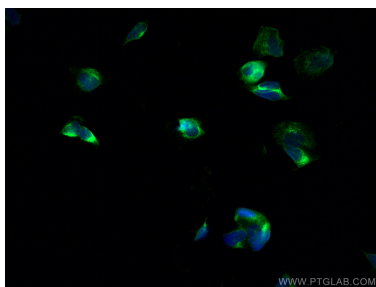
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 68007-1-Ig (Sortilin antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68007-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Sortilin antibody (68007-1-Ig, Clone: 2B11B9) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68007-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using Sortilin antibody (68007-1-Ig, Clone: 2B11B9) at dilution of 1:800 and Multi-rAb CoraLite @ Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002). This data was developed using the same antibody clone with 68007-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using Sortilin antibody (68007-1-Ig, Clone: 2B11B9) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68007-1-PBS in a different storage buffer formulation.