

For Research Use Only

persephin-Specific Polyclonal antibody, PBS Only

Catalog Number: 19713-1-PBS



Basic Information

Catalog Number:

19713-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_004158

GeneID (NCBI):

5623

UNIPROT ID:

O60542

Full Name:

persephin

Calculated MW:

17 kDa

Observed MW:

17 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:

human, mouse

Background Information

PSPN, also named as PSP, belongs to the TGF-beta family and GDNF subfamily. PSPN exhibits neurotrophic activity on mesencephalic dopaminergic and motor neurons. The antibody is specific to PSPN.

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, pH7.3

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

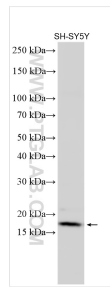
T: 4006900926

E: Proteintech-CN@ptglab.com

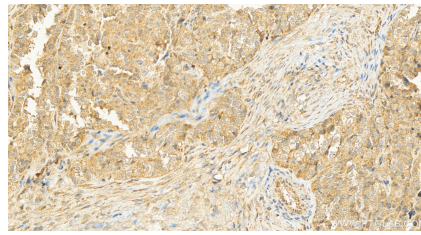
W: ptgcn.com

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

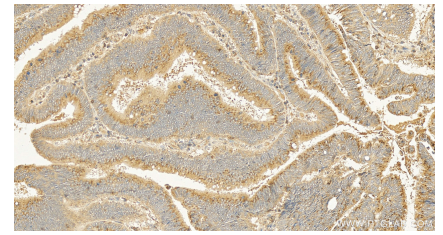
Selected Validation Data



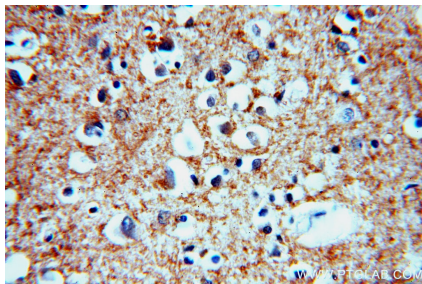
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 19713-1-AP (persephin-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19713-1-PBS in a different storage buffer formulation.



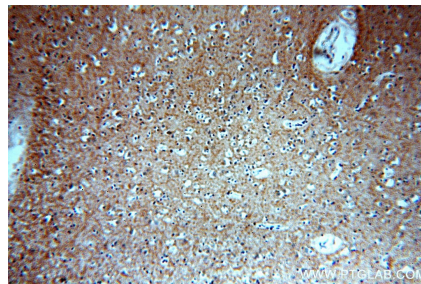
Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 19713-1-AP (persephin-Specific antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 19713-1-PBS in a different storage buffer formulation.



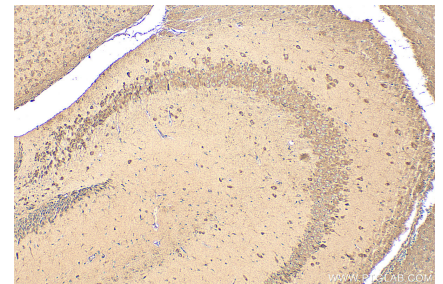
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 19713-1-AP (persephin-Specific antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 19713-1-PBS in a different storage buffer formulation.



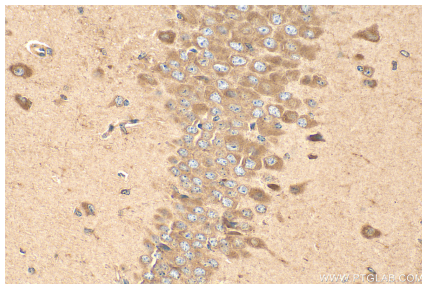
Immunohistochemical analysis of paraffin-embedded human brain using 19713-1-AP (persephin-Specific antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 19713-1-PBS in a different storage buffer formulation.



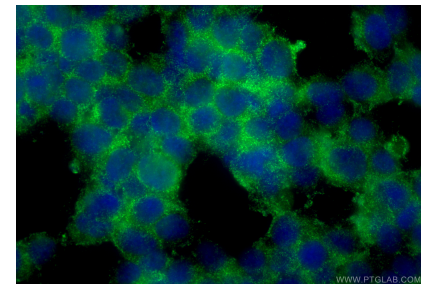
Immunohistochemical analysis of paraffin-embedded human brain using 19713-1-AP (persephin-Specific antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 19713-1-PBS in a different storage buffer formulation.



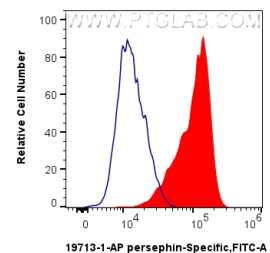
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19713-1-AP (persephin-Specific antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 19713-1-PBS in a different storage buffer formulation.



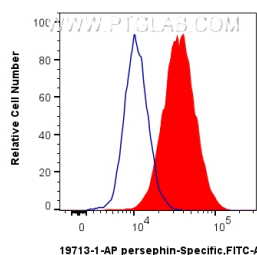
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19713-1-AP (persephin-Specific antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 19713-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using persephin-Specific antibody (19713-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 19713-1-PBS in a different storage buffer formulation.



1×10^6 SH-SY5Y cells were intracellularly stained with 0.25 ug persephin-Specific Polyclonal antibody (19713-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00017). This data was developed using the same antibody clone with 19713-1-PBS in a different storage buffer formulation.



1x10⁶ HepG2 cells were intracellularly stained with 0.25 ug persephin-Specific Polyclonal antibody (19713-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00017). This data was developed using the same antibody clone with 19713-1-PBS in a different storage buffer formulation.