

For Research Use Only

Neuroserpin Recombinant antibody, PBS Only

Catalog Number: 85923-1-PBS



Basic Information

Catalog Number:

85923-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2819

GenBank Accession Number:

NM_005025.4

GeneID (NCBI):

5274

UNIPROT ID:

Q99574

Full Name:

serpin peptidase inhibitor, clade I
(neuroserpin), member 1

Calculated MW:

46 kDa

Observed MW:

46 kDa

Purification Method:

Protein A purification

CloneNo.:

250112E7

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, pig

Background Information

Neuroserpin is a member of the serpin family of serine protease inhibitors predominantly expressed in the nervous system, such as the cerebral cortex, hippocampus and the spinal cord. Neuroserpin exerts protective effects in neurons against excitotoxicity both in vitro and in vivo. Its proteolytic inhibitory activity is shown to protect neurons against damage caused by plasmin activation. Mice overexpressing neuroserpin exhibited loss of tPA activity in the brain. Overexpression of neuroserpin in primary neurons leads to increased dendritic arborization and altered dendritic spine shape.

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:

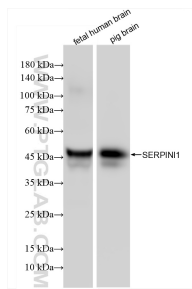
T: 4006900926

E: Proteintech-CN@ptglab.com

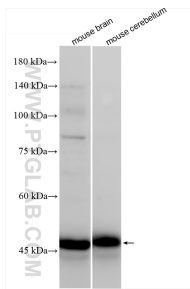
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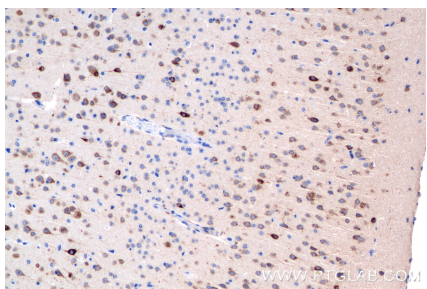
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85923-1-RR (SERPINI1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85923-1-PBS in a different storage buffer formulation.



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Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 85923-1-RR (Neuroserpin antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85923-1-PBS in a different storage buffer formulation.