

À des fins de recherche uniquement

# Anticorps Monoclonal anti-Neuroserpin



Numéro de catalogue: 66997-1-Ig **1 Publications**

## Informations de base

<b>Numéro de catalogue:</b> 66997-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC018043	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 150ul , Concentration: 2400 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 5274	<b>CloneNo.:</b> 1G4C6
<b>Hôte:</b> Mouse	<b>Nom complet:</b> serpin peptidase inhibitor, clade I (neuroserpin), member 1	<b>Dilutions recommandées:</b> WB 1:1000-1:6000 IHC 1:150-1:600
<b>Isotype:</b> IgG1	<b>MW calculé:</b> 410 aa, 47 kDa	
<b>Immunogen Catalog Number:</b> AG28636	<b>MW observés:</b> 46 kDa	

## Applications

<b>Applications testées:</b> IHC, WB, ELISA	<b>Contrôles positifs:</b> WB : tissu cérébral de porc, IHC : tissu de cervelet de rat,
<b>Demandes citées:</b> IF, WB	
<b>Spécificité de l'espèce:</b> Humain, porc	
<b>Espèces citées:</b> souris	
<b>Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.</b>	

## Informations générales

Neuroserpin is a member of the serpin family of serine protease inhibitors predominantly expressed in the nervous system, such as s 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.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Nicole R Higgins	33780087	Brain Pathol	WB,IF

## Stockage

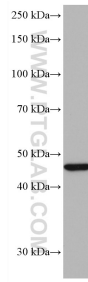
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

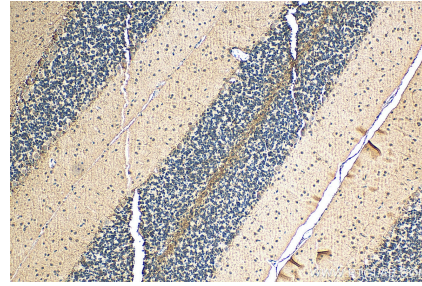
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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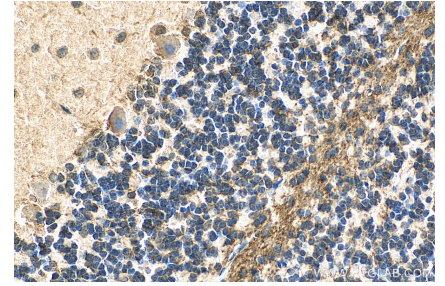
## Données de validation sélectionnées



pig brain tissue were subjected to SDS PAGE followed by western blot with 66997-1-Ig (SERPIN1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using 66997-1-Ig (Neuroserpin antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using 66997-1-Ig (Neuroserpin antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).