

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GFAP



Numéro de catalogue: 23935-1-AP

Phare

10 Publications

Informations de base

Numéro de catalogue:

23935-1-AP

Taille:

150ul, Concentration: 800 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG20853

Numéro d'acquisition GenBank:

BC013596

Identification du gène (NCBI):

2670

Nom complet:

glial fibrillary acidic protein

MW calculé

432 aa, 50 kDa

MW observés:

45-50 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:5000-1:50000

IP 0.5-4.0 ug for IP and 1:5000-1:50000 for WB

IHC 1:20-1:200

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris, Macaque

Contrôles positifs:

WB : cellules U-251, tissu cérébral de rat, tissu cérébral de souris

IP : tissu cérébral de souris,

IHC : tissu cérébral de souris, tissu de gliome humain

IF : tissu cérébral de souris, tissu cérébral de rat

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

GFAP (Glial fibrillary acidic protein) is a type III intermediate filament (IF) protein specific to the central nervous system (CNS). GFAP is one of the main components of the intermediate filament network in astrocytes and has been proposed as playing a role in cell migration, cell motility, maintaining mechanical strength, and in mitosis. GFAP is expressed in central nervous system cells, predominantly in astrocytes. GFAP is commonly used as an astrocyte marker. However, GFAP is also present in peripheral glia and in non-CNS cells, including fibroblasts, chondrocytes, lymphocytes, and liver stellate cells (PMID: 21219963).

Publications notables

Autrice	Pubmed ID	Journal	Application
Pengyi Zhou	36260151	J Mol Histol	IF, WB
Shadan S Yarandi	33137166	PLoS One	IF
Dongdong Wang	33819195	Aging (Albany NY)	WB

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.

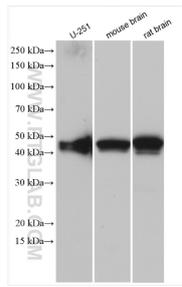
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

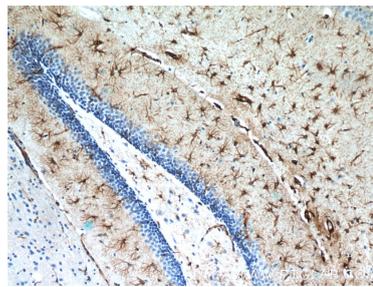
E: proteintech@ptglab.com
W: ptglab.com

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

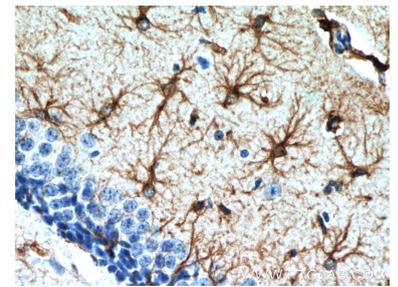
Données de validation sélectionnées



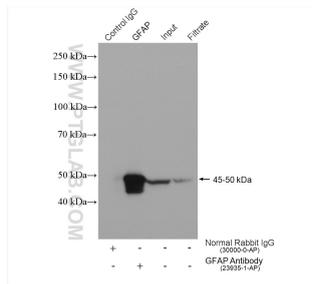
Various lysates were subjected to SDS PAGE followed by western blot with 23935-1-AP (GFAP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



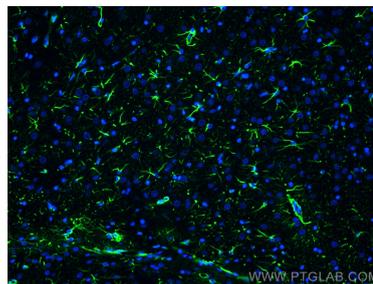
Immunohistochemical analysis of paraffin-embedded mouse brain slide using 23935-1-AP (GFAP Antibody) at dilution of 1:50.



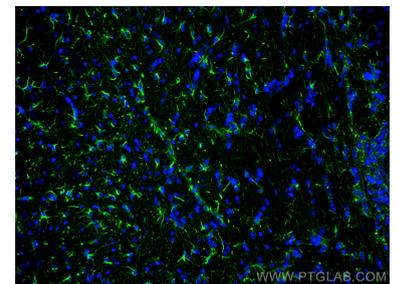
Immunohistochemical analysis of paraffin-embedded mouse brain slide using 23935-1-AP (GFAP Antibody) at dilution of 1:50.



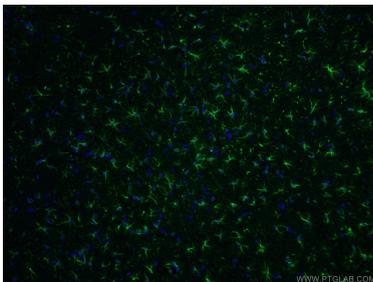
IP result of anti-GFAP(IP:23935-1-AP, 4ug; Detection:23935-1-AP 1:20000) with mouse brain tissue lysate 1280 ug.



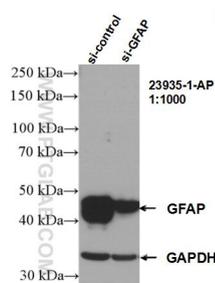
Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using GFAP antibody (23935-1-AP) at dilution of 1:1000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using GFAP antibody (23935-1-AP) at dilution of 1:1000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 23935-1-AP (GFAP antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB result of GFAP antibody (23935-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GFAP transfected U-251 cells.