

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NSE



Numéro de catalogue: 10149-1-AP

Phare

22 Publications

Informations de base

Numéro de catalogue:

10149-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0196

Numéro d'acquisition GenBank:

BC002745

Identification du gène (NCBI):

2026

Nom complet:

enolase 2 (gamma, neuronal)

MW calculé

47 kDa

MW observés:

47 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 1:200-1:1000 for WB

IHC 1:100-1:400

IF 1:200-1:800

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Chèvre, Humain, rat, souris, duck

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.

Contrôles positifs:

WB : cellules HeLa, cellules SH-SY5Y, cellules U-251, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain

IP : tissu cérébral de souris,

IHC : tissu cérébral humain, tissu pulmonaire humain, tissu testiculaire humain

IF : cellules HeLa,

Informations générales

NSE, also named as ENO2, belongs to the enolase family. Enolases are cytoplasmic glycolytic enzymes that may be involved in differentiation. The enolase has three isoenzymes, alpha, beta and gamma. The alpha form is expressed in most tissues, whereas the beta form is expressed in muscle tissue. The gamma enolase (ENO2), a homodimer, is primarily localized in neurons and neuroendocrine cells and is a cancer diagnostic marker for brain tumors (PMID:7520111). ENO2 plays a role in the glycolysis-related energy pathway and might be involved in higher metabolic activity during the day than at night, at least in part.

Publications notables

Autrice	Pubmed ID	Journal	Application
Minghao Yao	31355388	Biomater Sci	WB
Qiong Wang	36088396	Cell Biosci	WB
Liyuan Qian	34692477	Front Oncol	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.

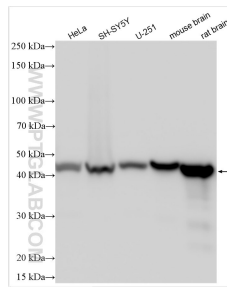
For technical support and original validation data for this product please contact:

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

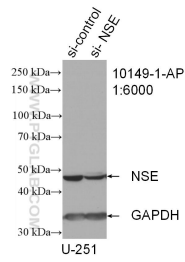
E: proteintech@ptglab.com
W: ptglab.com

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

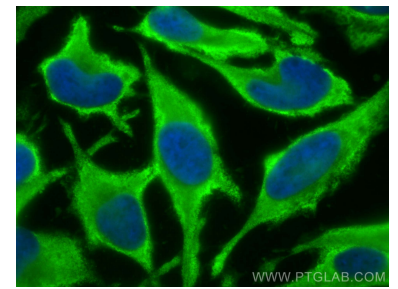
Données de validation sélectionnées



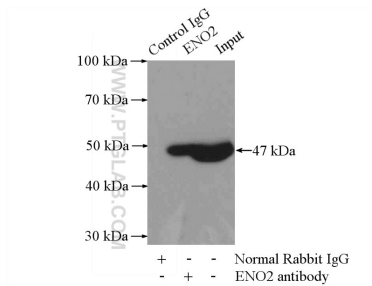
Various lysates were subjected to SDS PAGE followed by western blot with 10149-1-AP (NSE antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



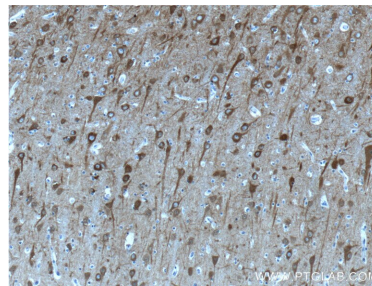
WB result of NSE antibody (10149-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NSE transfected U-251 cells.



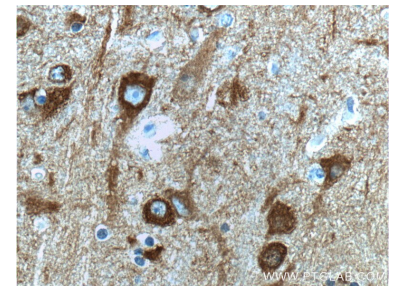
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using NSE antibody (10149-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-NSE (IP:10149-1-AP, 4ug; Detection:10149-1-AP 1:300) with mouse brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 10149-1-AP (NSE antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 10149-1-AP (NSE antibody) at dilution of 1:200 (under 40x lens).