

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ENO1



Numéro de catalogue: 55237-1-AP

1 Publications

Informations de base

Numéro de catalogue:

55237-1-AP

Taille:

150ul, Concentration: 850 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_001428

Identification du gène (NCBI):

2023

Nom complet:

enolase 1, (alpha)

MW calculé

47 kDa

MW observés:

47 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

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.

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, tissu cérébral de souris, tissu hépatique de souris

IP : tissu cérébral de souris,

IHC : tissu cérébral humain, tissu de muscle squelettique humain, tissu pancréatique humain

IF : cellules HepG2,

Informations générales

ENO1, also named as NNE, ENO1L1, MBPB1, MPB1 and MBP1, belongs to the enolase family. ENO1 is a metabolic enzyme involved in the synthesis of pyruvate. It also acts as a plasminogen receptor and mediates the activation of plasmin and extracellular matrix degradation. In tumor cells, ENO1 is up-regulated and supports the Warburg effect; it is expressed at the cell surface, where it promotes cancer invasion, and is subjected to a specific array of post-translational modifications, namely acetylation, methylation and phosphorylation. ENO1 overexpression and post-translational modifications could be of diagnostic and prognostic value in many cancer types. (PMID: 27814656). This antibody is specific to ENO1 and has no cross reaction with ENO2 and ENO3.

Publications notables

Autrice	Pubmed ID	Journal	Application
Guang Yang	33372411	EMBO Rep	WB,IP

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.

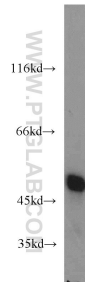
For technical support and original validation data for this product please contact:

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

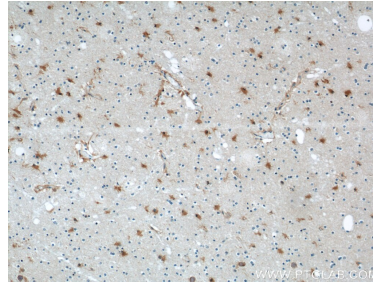
E: proteintech@ptglab.com
W: ptglab.com

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

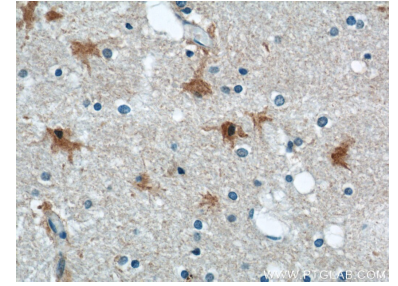
Données de validation sélectionnées



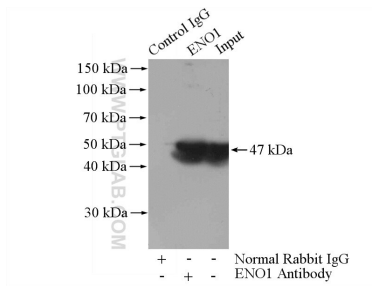
HeLa cells were subjected to SDS PAGE followed by western blot with 55237-1-AP (ENO1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



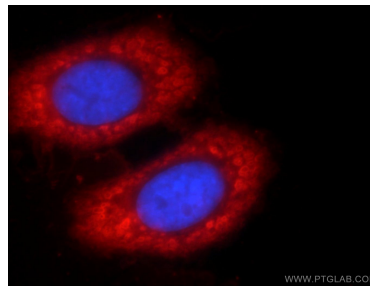
Immunohistochemical analysis of paraffin-embedded human brain using 55237-1-AP (ENO1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 55237-1-AP (ENO1 antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-ENO1 (IP:55237-1-AP, 4ug; Detection:55237-1-AP 1:500) with mouse brain tissue lysate 4000ug.



Immunofluorescent analysis of HepG2 cells using 55237-1-AP (ENO1 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG.