

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GAD65



Numéro de catalogue: 20746-1-AP

12 Publications

Informations de base

Numéro de catalogue:

20746-1-AP

Taille:

150ul, Concentration: 750 µg/ml by Nanodrop and 547 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_000818

Identification du gène (NCBI):

2572

Nom complet:

glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa)

MW calculé

65 kDa

MW observés:

65 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:3000-1:20000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IF 1:10-1:100

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : tissu cérébral de souris, tissu cérébral de rat

IP : tissu cérébral de souris,

IF : cellules HeLa,

Informations générales

GAD2, also named as GAD65, belongs to the group II decarboxylase family. GAD2 catalyzes the production of GABA. It is responsible for the synthesis of the essential neurotransmitter gamma-aminobutyric acid (GABA) from L-glutamic acid. GAD2 is expressed in nervous and endocrine systems and are thought to be involved in synaptic transmission and INS secretion. Autoantibodies against GAD2 may serve as markers for type I diabetes. Many individuals suffering from an adult onset disorder known as Stiff Person Syndrome (SPS) also express autoantibodies to GAD2. The antibody is specific to GAD2.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yueqin Liu	33344711	Neurobiol Stress	WB
Hongru Yang	35618610	Adv Sci (Weinh)	WB
Ken Chen	31015358	Clin Sci (Lond)	IHC

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.

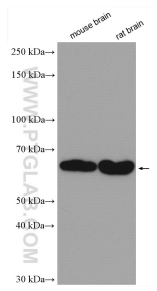
For technical support and original validation data for this product please contact:

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

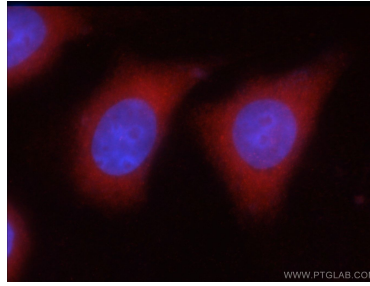
E: proteintech@ptglab.com
W: ptglab.com

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

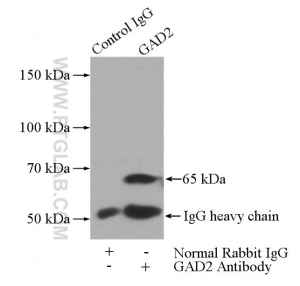
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 20746-1-AP (GAD65 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 20746-1-AP (GAD65 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



IP Result of anti-GAD65 (IP:20746-1-AP, 4ug; Detection:20746-1-AP 1:1000) with mouse brain tissue lysate 3440ug.