

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-WFS1



Numéro de catalogue: 11558-1-AP

Phare

68 Publications

Informations de base

Numéro de catalogue:

11558-1-AP

Taille:

150ul, Concentration: 280 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG2114

Numéro d'acquisition GenBank:

BC030130

Identification du gène (NCBI):

7466

Nom complet:

Wolfram syndrome 1 (wolframin)

MW calculé

890 aa, 100 kDa

MW observés:

100 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IHC 1:200-1:800

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

colP, IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

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 SH-SY5Y, cellules HEK-293

IHC : tissu cérébral de rat,

IF : tissu cérébral de souris, tissu cérébral de rat

Informations générales

Wolfram syndrome protein (WFS1), also called wolframin, is a transmembrane protein, which is located primarily in the endoplasmic reticulum and its expression is induced in response to ER stress, partially through transcriptional activation. ER localization suggests that WFS1 protein has physiological functions in membrane trafficking, secretion, processing and/or regulation of ER calcium homeostasis. It is ubiquitously expressed with highest levels in brain, pancreas, heart, and insulinoma beta-cell lines. Mutations of the WFS1 gene are responsible for two hereditary diseases, autosomal recessive Wolfram syndrome and autosomal dominant low frequency sensorineural hearing loss.

Publications notables

Autrice	Pubmed ID	Journal	Application
M Zatyka	25274773	Hum Mol Genet	WB
Yi Gu	30270041	Cell	IF
Rosanna P Sammons	31548233	J Neurosci	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.

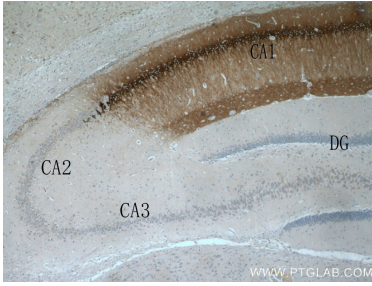
For technical support and original validation data for this product please contact:

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

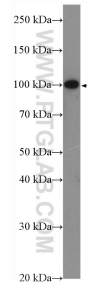
E: proteintech@ptglab.com
W: ptglab.com

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

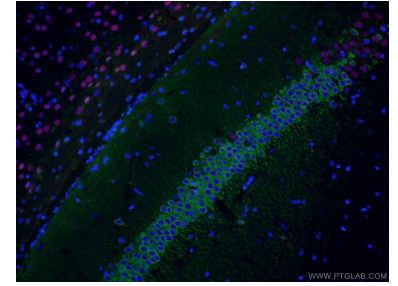
Données de validation sélectionnées



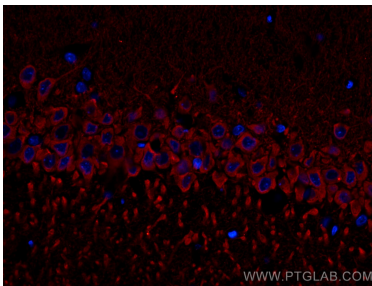
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 11558-1-AP (WFS1 antibody) at dilution of 1:400 (under 40x lens)..



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 11558-1-AP (WFS1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 11558-1-AP (WFS1 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). The section was co-stained with 66564-1-Ig (Tbr1 antibody) and and Alexa Fluor 594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using WFS1 antibody (11558-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).