

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-RGS14



Numéro de catalogue: 16258-1-AP

Phare

7 Publications

Informations de base

Numéro de catalogue:

16258-1-AP

Taille:

150ul, Concentration: 900 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG9292

Numéro d'acquisition GenBank:

BC014094

Identification du gène (NCBI):

10636

Nom complet:

regulator of G-protein signaling 14

MW calculé

566 aa, 61 kDa

MW observés:

60-65 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 1:500-1:2000 for WB

IHC 1:2500-1:10000

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, rat, singe, 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 HeLa, cellules HepG2, cellules HuH-7, tissu cérébral de souris, tissu hépatique de souris, tissu splénique de souris, tissu testiculaire de souris

IP : tissu cérébral de souris,

IHC : tissu cérébral de souris,

Informations générales

RGS14, a member of the R12 subfamily of RGS proteins, is highly expressed in the brain and is a natural suppressor of CA2 hippocampal synaptic plasticity and learning and memory. RGS14 was first identified as a complex scaffolding protein with an unconventional domain structure that allows it to interact with various protein binding partners. RGS14 contains one RGS domain, two Raf-like Ras-binding domains (RBDs), and one GoLoco domain. The protein attenuates the signaling activity of G-proteins by binding, through its GoLoco domain, to specific types of activated, GTP-bound G alpha subunits. Acting as a GTPase activating protein (GAP), the protein increases the rate of conversion of the GTP to GDP.

Publications notables

Autrice	Pubmed ID	Journal	Application
Mary Rose Branch	28934222	PLoS One	WB, IF
Katherine E Squires	33410399	J Biol Chem	WB, IF
Elif Cinar	32437708	Exp Neurol	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'aliquoteage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

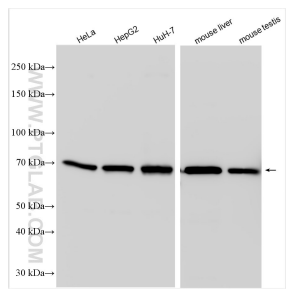
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

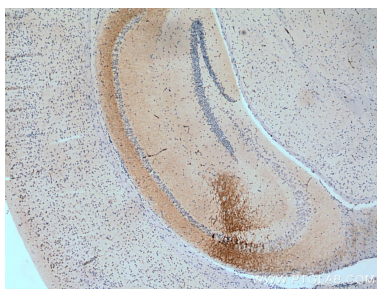
E: proteintech@ptglab.com
W: ptglab.com

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

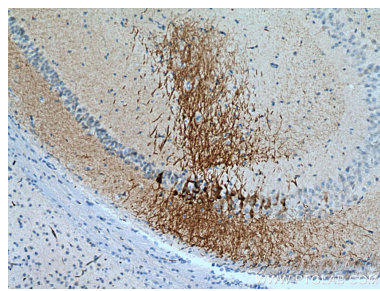
Données de validation sélectionnées



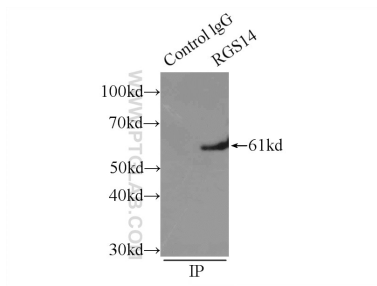
Various lysates were subjected to SDS PAGE followed by western blot with 16258-1-AP (RGS14 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16258-1-AP (RGS14 antibody) at dilution of 1:5000 (under 4x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16258-1-AP (RGS14 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-RGS14 (IP:16258-1-AP, 3ug; Detection:16258-1-AP 1:1000) with mouse brain tissue lysate 5000ug.