

À des fins de recherche uniquement

Anticorps Monoclonal anti-RGS14

Numéro de catalogue: 67394-1-Ig



Informations de base

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| Numéro de catalogue: 67394-1-Ig | Numéro d'acquisition GenBank: BC014094 | Méthode de purification: Purification par protéine G |
| Taille: 150ul , Concentration: 2200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): 10636 | CloneNo.: 1C1B2 |
| Hôte: Mouse | Nom complet: regulator of G-protein signaling 14 | Dilutions recommandées: WB 1:5000-1:15000 IHC 1:1000-1:4000 IF 1:1000-1:4000 |
| Isotype: IgG1 | MW calculé: 566 aa, 61 kDa | |
| Immunogen Catalog Number: AG9477 | MW observés: 61 kDa | |

Applications

Applications testées:

IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain, rat, souris

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 : tissu cérébral de souris, cellules HEK-293, cellules HeLa, cellules Jurkat, cellules NIH/3T3

IHC : tissu cérébral de souris,

IF : cellules HeLa,

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.

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.

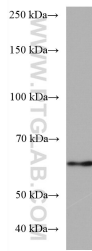
For technical support and original validation data for this product please contact:

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

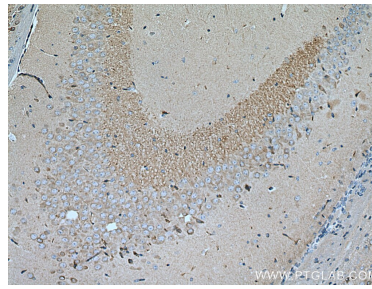
E: proteintech@ptglab.com
W: ptglab.com

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

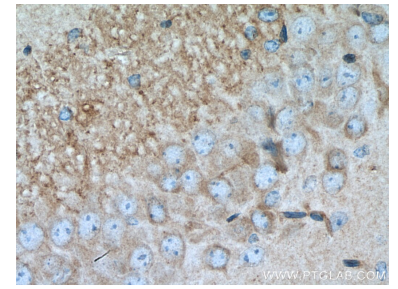
Données de validation sélectionnées



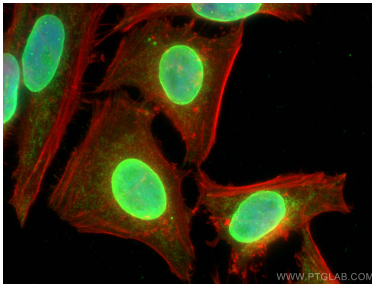
mouse brain tissue were subjected to SDS PAGE followed by western blot with 67394-1-Ig (RGS14 antibody) at dilution of 1:13000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67394-1-Ig (RGS14 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67394-1-Ig (RGS14 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using RGS14 antibody (67394-1-Ig, Clone: 1C1B2) at dilution of 1:2000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).