

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PTPRS



Numéro de catalogue: 29415-1-AP

Phare

Informations de base

Numéro de catalogue:

29415-1-AP

Taille:

150ul, Concentration: 800 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG30152

Numéro d'acquisition GenBank:

NM_002850

Identification du gène (NCBI):

5802

Nom complet:

protein tyrosine phosphatase, receptor type, S

MW calculé

217 kDa

MW observés:

140 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Applications testées:

IHC, WB, ELISA

Spécificité de l'espèce:

Humain, souris

Contrôles positifs:

WB : cellules A549, cellules HEK-293, cellules HeLa

IHC : tissu cérébral de 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.

Informations générales

PTPRS, also known as R-PTP-sigma or PTPσ, is a member of the protein tyrosine phosphatase (PTP) family (PMID: 8524829). PTPs dephosphorylate phosphotyrosyl residues in proteins that are phosphorylated by protein-tyrosine kinases (PTKs) (PMID: 20838449). PTPs are essential regulators of signal transduction pathways and play important roles in regulating many cellular processes in conjunction with PTKs (PMID: 7834742). PTPRS contains an extracellular region, a single transmembrane segment and two tandem intracellular catalytic domains, and thus represents a receptor-type PTP. Full-length PTPRS is 217 kDa and has been reported to be proteolytically cleaved into a 140-kDa N-terminal subunit containing extracellular and transmembrane domains and a C-terminal subunit (PMID: 29915291). This antibody raised against 825-1000 aa of human PTPRS detects endogenous PTPRS with an apparent molecular weight of 140 kDa.

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azote 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.

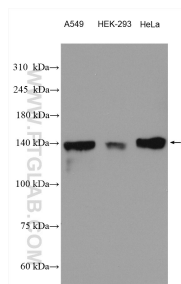
For technical support and original validation data for this product please contact:

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

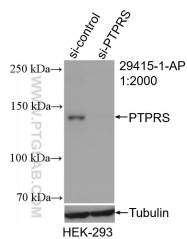
E: proteintech@ptglab.com
W: ptglab.com

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

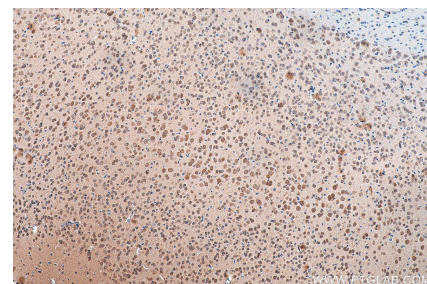
Données de validation sélectionnées



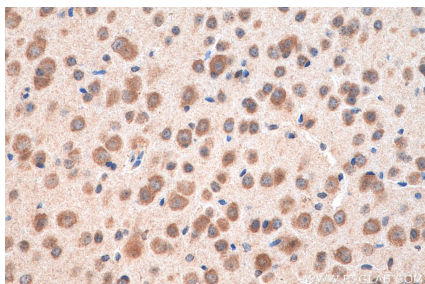
Various lysates were subjected to SDS PAGE followed by western blot with 29415-1-AP (PTPRS antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of PTPRS antibody (29415-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PTPRS transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29415-1-AP (PTPRS antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29415-1-AP (PTPRS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).