À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PTPRJ

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:55123-1-AP 3 Publications

Informations de base

Numéro de catalogue:
55123-1-AP

Taille:
150ul , Concentration: 400 μg/ml by Nanodrop and 193 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
NM_002843

Identification du gène (NCBI):
5795

Nom complet:
protein tyrosine phosphatase, receptor type, J

MW calculé
146 kDa

MW observés:
146-170 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IHC 1:100-1:400

Applications

Applications testées:
IHC, WB, ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

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 : cellules HepG2, cellules Jurkat, cellules K-562, cellules PC-3, multi-cellules/tissus

IHC : tissu d'amygdalite humain,

Informations générales

PTPRJ, also named as CD148 and DEP1, belongs to the protein-tyrosine phosphatase family and Receptor class 3 subfamily. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. PTPRJ may contribute to the mechanism of contact inhibition of cell growth. PTPRJ is present in all hematopoietic lineages, and was shown to negatively regulate T cell receptor signaling possibly through interfering with the phosphorylation of Phospholipase C Gamma 1 (PLCG1) and Linker for Activation of T Cells (LAT). It was also found to dephosphorylate PDGF beta receptor, and may be involved in UV-induced signal transduction. The antibody is specific to PTPRJ.

Publications notables

Autrice	Pubmed ID	Journal	Application
Zijun Wang	33192072	Onco Targets Ther	IHC
Hongmei Lu	31384238	Clin Proteomics	WB
Casagrande Silvia S	23007793	J Pathol	WB

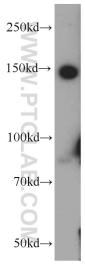
Stockage

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

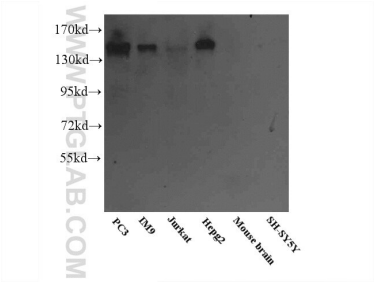
***** Les 20ul contiennent 0,1% de BSA.**

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

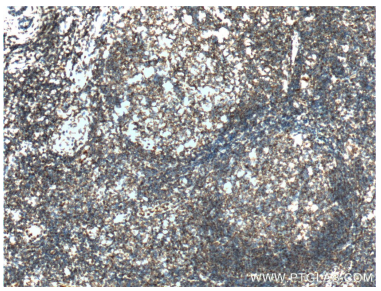
Données de validation sélectionnées



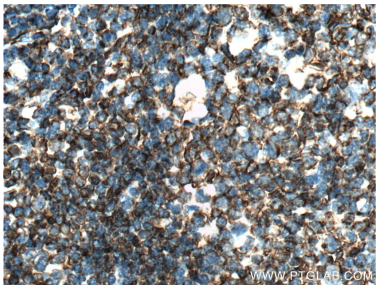
K-562 cells were subjected to SDS PAGE followed by western blot with 55123-1-AP (PTPRJ antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



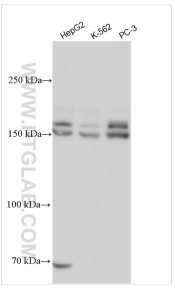
WB result of 55123-1-AP.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 55123-1-AP (PTPRJ 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 human tonsillitis tissue slide using 55123-1-AP (PTPRJ Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 55123-1-AP (PTPRJ antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.