

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PTPN7



Numéro de catalogue: 15286-1-AP

2 Publications

Informations de base

Numéro de catalogue: 15286-1-AP	Numéro d'acquisition GenBank: BC001746	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 300 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5778	Dilutions recommandées: WB 1:500-1:3000 IHC 1:200-1:800
Hôte: Lapin	Nom complet: protein tyrosine phosphatase, non-receptor type 7	
Isotype: IgG	MW calculé: 41 kDa	
Immunogen Catalog Number: AG7453	MW observés: 38-40 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, porc

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 Raji, cellules K-562

IHC : tissu d'amygdalite humaine, tissu de lymphome humain

Informations générales

PTPN7, also known as haematopoietic PTP (HePTP), belongs to the R7 family of protein tyrosine phosphatases (PTPs) which all contain a conserved 16 amino acid sequence at their N-termini (PMID: 9857190). PTPN7, via negative regulation of MAPK signalling, plays a key role in T-cell and B-cell development and is the only known PTP whose expression in T-lymphocytes is induced by IL-2 (PMID: 15980098). PTPN7 is a 38 kDa non-receptor PTP expressed predominantly in leukocytes, spleen and thymus (PMID: 1530918, 24265715, 19636879).

Publications notables

Autrice	Pubmed ID	Journal	Application
Fengxu Wang	36226189	Front Genet	IHC
Yihan Wang	35155446	Front Cell Dev Biol	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.

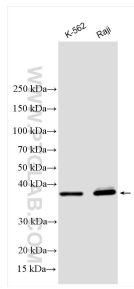
For technical support and original validation data for this product please contact:

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

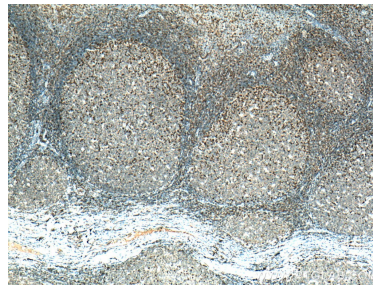
E: proteintech@ptglab.com
W: ptglab.com

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

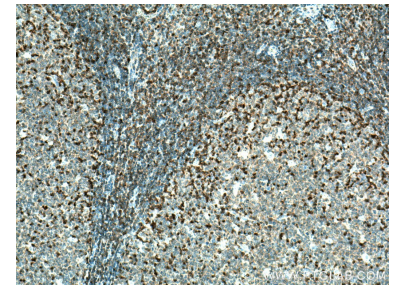
Données de validation sélectionnées



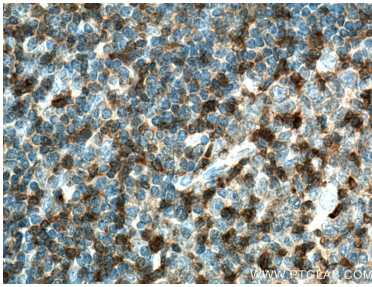
Various lysates were subjected to SDS PAGE followed by western blot with 15286-1-AP (PTPN7 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15286-1-AP (PTPN7 antibody) at dilution of 1:400 (under 4x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15286-1-AP (PTPN7 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15286-1-AP (PTPN7 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).