

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PTPRO



Numéro de catalogue: 12161-1-AP

12 Publications

## Informations de base

Numéro de catalogue:  
12161-1-AP

Taille:  
150ul , Concentration: 260 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG2802

Numéro d'acquisition GenBank:  
BC035960

Identification du gène (NCBI):  
5800

Nom complet:  
protein tyrosine phosphatase, receptor type, O

MW calculé  
138 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

## Applications

Applications testées:  
ELISA

Demandes citées:  
CoIP, IHC, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, souris

## Informations générales

PTPRO (receptor-type tyrosine-protein phosphatase O) is also named as GLEPP1, PTPU2 and belongs to the protein-tyrosine phosphatase family. The protein is a receptor-like membrane protein tyrosine phosphatase expressed at the apical membrane of the podocyte foot processes in the kidney (PMID:21722858). The 1,159-amino acid predicted mature protein contains a large extracellular domain, a single transmembrane domain, and a single intracellular PTPase domain. Defects in PTPRO are the cause of nephrotic syndrome type 6 (NPHS6). In reducing conditions, PTPRO can form a smear from 180 to 220 kDa; In non-reducing conditions, a band appears around 350 kDa, which likely represents the dimeric form of full-length PTPRO (PMID: 19573017).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Zengfang Wang	30443949	J Cell Physiol	WB
Caihong Liang	28578349	Cell Physiol Biochem	WB
Weixing Dai	35904817	Cancer Commun (Lond)	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

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