

Nur für Forschungszwecke

# PTPRJ Polyklonaler Antikörper

Katalog-Nr.: 55123-1-AP

3 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
55123-1-AP

Größe:  
150ul, Konzentration: 400 µg/ml von  
Nanodrop und 193 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

GenBank-Zugangsnummer:  
NM\_002843

GeneID (NCBI):  
5795  
Vollständiger Name:  
protein tyrosine phosphatase,  
receptor type, J

Berechnete Masse:  
146 kDa

Beobachtete Masse:  
146-170 kDa

Reinigungsmethode:  
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:  
WB 1:500-1:1000  
IHC 1:100-1:400

## Anwendungen

Geprüfte Anwendungen:  
IHC, WB, ELISA

In Publikationen genannte Anwendungen:  
IHC, WB

Getestete Reaktivität:  
Human

Zitierte Arten:  
Human

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB: HepG2-Zellen, Jurkat-Zellen, K-562-Zellen,  
Multizellen/-gewebe, PC-3-Zellen

IHC: humanes Tonsillitisgewebe,

## Hintergrundinformationen

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.

## Bemerkenswerte Veröffentlichungen

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

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

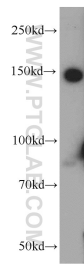
For technical support and original validation data for this product please contact:

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

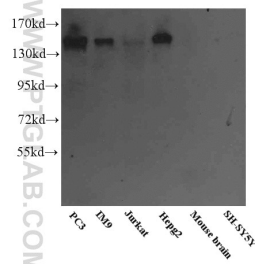
E: proteintech@ptglab.com  
W: ptglab.com

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

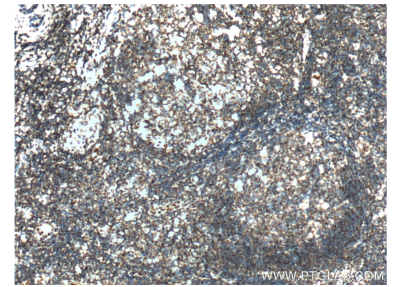
## Ausgewählte Validierungsdaten



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.



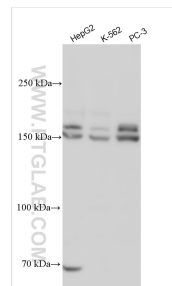
WB result of 55123-1-AP.



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.