



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# PTPN12 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_002826.2

Catalog No. A301-299A

GeneID 5782

Lot No. A301-299A-1



<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	100 $\mu$ l
<b>CONCENTRATION</b>	200 $\mu$ g/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to PTPN12 immobilized on solid support.  The epitope recognized by A301-299A maps to a region between residue 375 and 425 of human protein tyrosine phosphatase, non-receptor type 12 using the numbering given in entry NP_002826.2 (GeneID 5782).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 5  $\mu$ g/mg lysate

**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

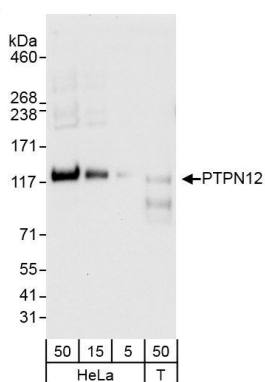
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

**ADDITIONAL INFO** <https://www.bethyl.com/product/A301-299A>

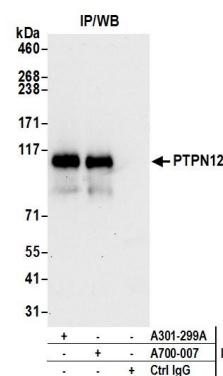
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



**Detection of human PTPN12 by western blot.** *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-PTPN12 antibody A301-299A used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with exposure time of 30 seconds.



**Detection of human PTPN12 by western blot of immunoprecipitation.** *Samples:* Whole cell lysate (0.5 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-PTPN12 antibody A301-299A used for IP at 3 µg/mg lysate. PTPN12 was also immunoprecipitated by rabbit anti-PTPN12 recombinant monoclonal antibody [BL-5-2F8] (A700-007). For blotting immunoprecipitated PTPN12, A700-007 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time time of 30 seconds.