

# PTPN2/TCPTP Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID P17706.2

Catalog No. A305-185A

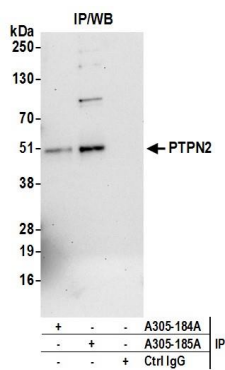
GeneID 5771

Lot No. A305-185A-1



<b>APPLICATIONS</b>	IP
<b>SPECIES REACTIVITY</b>	Human
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Mouse and Rat
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	<p>Antibody was affinity purified using an epitope specific to PTPN2/TCPTP immobilized on solid support.</p> <p>The epitope recognized by A305-185A maps to a region between residue 350 to 400 of human Tyrosine-protein phosphatase non-receptor type 2 using the numbering given in entry P17706.2 (GeneID 5771).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
<b>APPLICATIONS</b>	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot                      Not recommended. Use rabbit anti-PTPN2/TCPTP antibody A305-184A.</p> <p>Immunoprecipitation      2 - 10 µg/mg lysate</p>
<b>APPLICATION NOTES</b>	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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).
<b>ADDITIONAL INFO</b>	<p><a href="https://www.bethyl.com/product/A305-185A">https://www.bethyl.com/product/A305-185A</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: <a href="https://www.bethyl.com/content/protocol_IP_WB">https://www.bethyl.com/content/protocol_IP_WB</a></p>

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 PTPN2 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-PTPN2 antibody A305-185A (lot A305-185A-1) used for IP at 6 µg per reaction. PTPN2 was also immunoprecipitated by rabbit anti-PTPN2 antibody A305-184A. For blotting immunoprecipitated PTPN2, A305-185A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.