PTPN2 Polyclonal Antibody

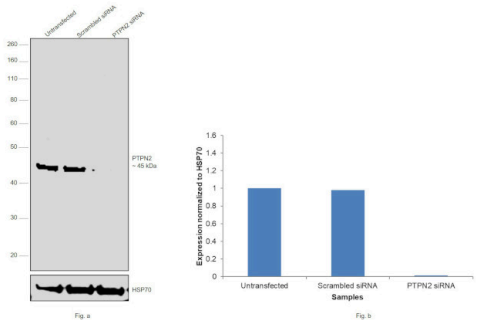
Product Details	
Size	100 µg
Species Reactivity	Human, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E.coli-derived human TCPTP recombinant protein (Position: M1-C330).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5mg BSA
Contains	0.05mg sodium azide
Storage conditions	-20°C
RRID	AB_2747010

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-

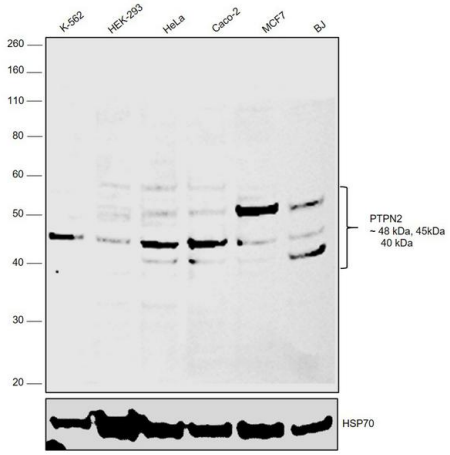
Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

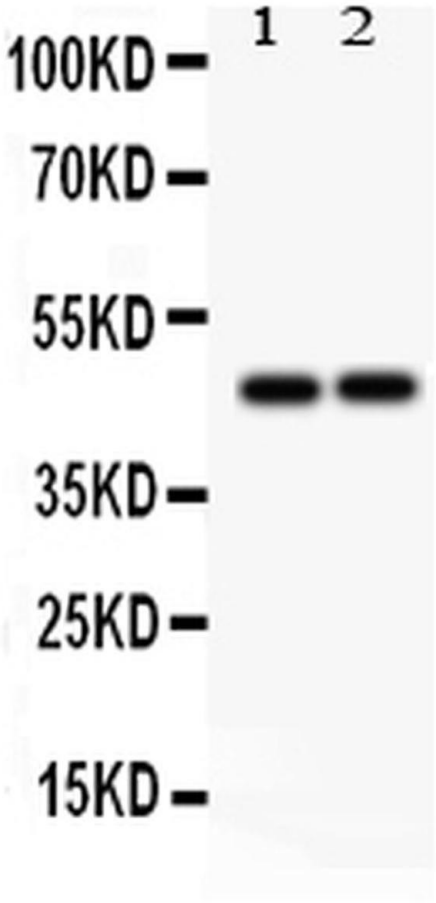
Product Images For PTPN2 Polyclonal Antibody



PTPN2 Antibody (PA5-79895)
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. K-562 cells were transfected with PTPN2 siRNA and decrease in signal intensity was observed in western blot application using Anti-PTPN2 Polyclonal Antibody (Product # PA5-79895). {KD}



PTPN2 Antibody (PA5-79895) in WB
Western blot was performed using Anti-PTPN2 Polyclonal Antibody (Product # PA5-79895) and 48 kDa, 45 kDa, and 40kDa bands corresponding to PTPN2 (Tyrosine-protein phosphatase non-receptor type 2) was observed across cell lines tested. Whole cell extracts (30 µg lysate) of K-562 (Lane 1), HEK-293 (Lane 2), HeLa (Lane 3), Caco-2 (Lane 4), MCF7 (Lane 5) and BJ (Lane 6) were electrophoresed using NuPAGE™ 10% Bis-Tris Protein Gel (Product # NP0301BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (0.5 µg/mL) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1: 10000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



PTPN2 Antibody (PA5-79895) in WB
Western blot analysis of PTPN2 in Lane 1: HeLa whole cell lysate, Lane 2: JURKAT whole cell lysate using 40-50 µg per well. Sample was incubated with PTPN2 (Product # PA5-79895) at a dilution of 0.5 µg/mL.

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