

PROX1 Polyclonal Antibody

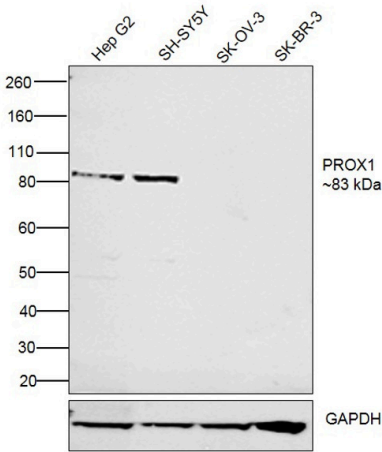
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 150 - 250 of Human PROX1.
Form	Liquid
Concentration	1.0 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4, with 1% BSA
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_10984353

Applications	Tested Dilution	Publications
Western Blot (WB)	1-2 µg/mL	-

Product Specific Information

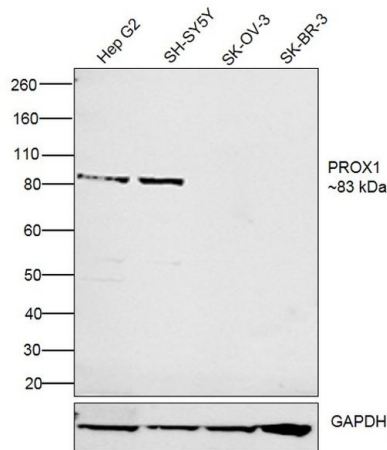
For Western Blot, this antibody has non-specific bands at 25 kDa.

Product Images For PROX1 Polyclonal Antibody



PROX1 Antibody (PA5-19668)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissue tested owing to their inherent genetic constitution. Relative expression of PROX1 was observed in Hep G2 , SH-SY5Y in comparison to SK-OV-3 and SK-BR-3 using Anti-PROX1 polyclonal antibody (Product # PA5-19668) in Western Blot. {RE}

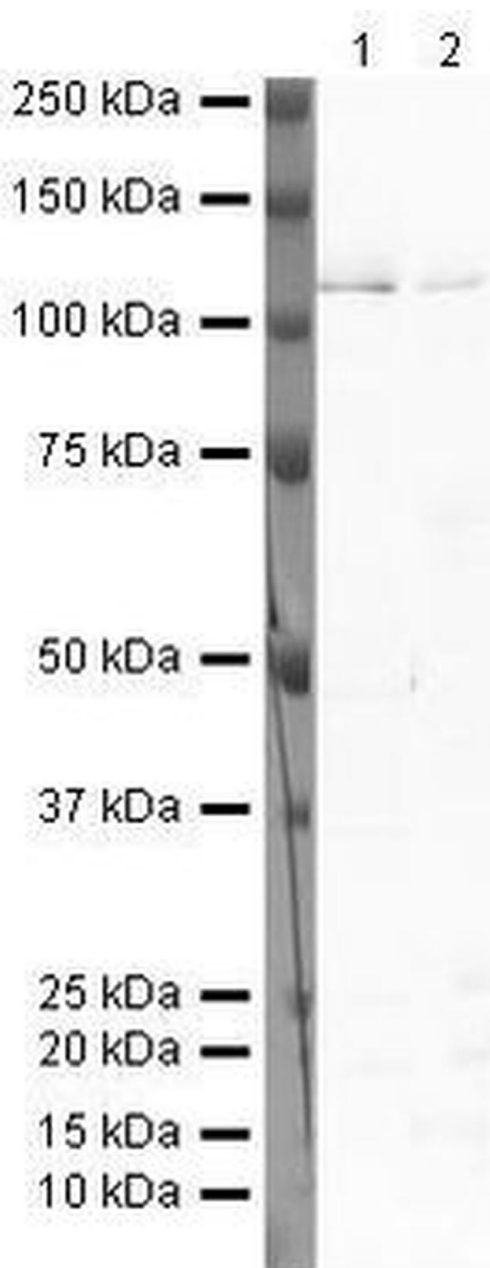


PROX1 Antibody (PA5-19668) in WB

Western blot was performed using anti-PROX1-Polyclonal Antibody (Product # PA5-19668) and an 83 kDa band corresponding to PROX1 was observed across the cell lines tested except SK-OV-3 and SK-BR-3 which are reported to be negative. Modified Whole cell extracts of (30 µg lysate) (1% SDS) of Hep G2 (Lane 1), SH-SY5Y (Lane 2), SK-OV-3 (Lane 3) and SK-BR-3 (Lane 4) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). 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 (1 µg/mL) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

PROX1 Antibody (PA5-19668) in WB

Western blot analysis of A431 Whole Cell Lysate using Product # PA5-19668, PROX1 primary antibody at a dilution of 1 µg/mL (lane 1). Staining of Mouse Foetus Tissue Lysate at a dilution of 1 µg/mL (lane 2). Blot treated with a secondary HRP-conjugated Goat polyclonal anti-Rabbit antibody was used at a dilution of 1:3000.



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