

# FOXA1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived human FOXA1 recombinant protein (Position: M1-T55).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	-20°C
RRID	AB_2746397

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-

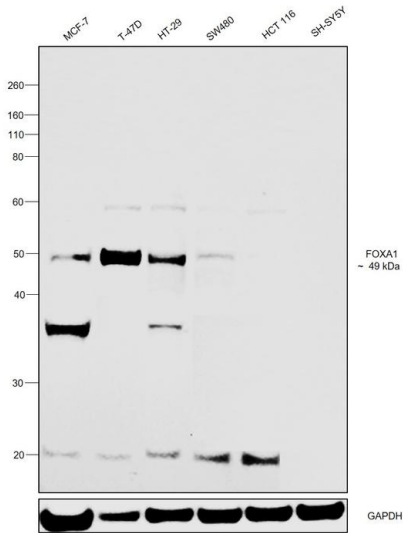
## Product Specific Information

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

Product Images For FOXA1 Polyclonal Antibody

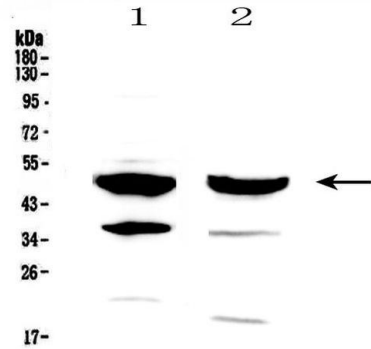
FOXA1 Antibody (PA5-79281) in WB

Western blot was performed using Anti-FOXA1 Polyclonal Antibody (Product # PA5-79281) and a 49 kDa band corresponding to FOXA1 was observed across cell lines tested except SW480, HCT 116 and SH-SY5Y which are reported to be low. An unspecified band around 20 kDa has also been observed. Modified whole cell extracts (1% SDS) (30 µg lysate) of MCF-7 (Lane 1), T-47D (Lane 2), HT-29 (Lane 3), SW480 (Lane 4), HCT 116 (Lane 5) and SH-SY5Y (Lane 6) 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 (0.1 µg/mL) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1: 4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076).



FOXA1 Antibody (PA5-79281) in WB

Western blot analysis of FOXA1 in Lane 1: human MCF-7 cell lysate, Lane 2: human A549 cell lysate using 50 µg (reducing conditions) per well. Electrophoresis was performed on 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours and protein was transferred to a nitrocellulose membrane at 150mA for 50-90 minutes. Sample was blocked with 5% Non-fat Milk/TBS for 1.5 hours at room temperature, incubated with FOXA1 polyclonal antibody (Product # PA5-79281) at a dilution of 0.5 µg/mL (overnight at 4°C), followed by goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1: 10,000. Signal development was performed using a chemiluminescence (ECL) kit.



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