

PAX2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human PAX2
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A, Antigen affinity chromatography
Storage buffer	PBS
Contains	no preservative
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2788462

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:2,500-1:10,000	-
Immunocytochemistry (ICC/IF)	1:300-1:10,000	1 Publication

Product Specific Information

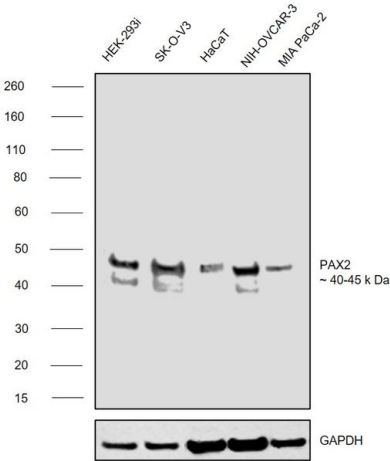
This product is preservative free. It is recommended to add sodium azide to avoid contamination (final concentration 0.05% -0.1%).

This antibody has specificity for Human PAX2.

Product Images For PAX2 Polyclonal Antibody

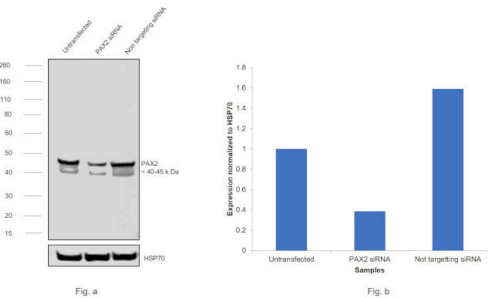
PAX2 Antibody (PA5-81235) in WB

Western blot was performed using Anti-PAX2 Polyclonal Antibody (Product # PA5-81235) and a 40 to 45 kDa band corresponding to Paired box protein Pax-2 was observed across cell lines tested . Nuclear enriched extracts (50 µg lysate) of HEK-293 (Lane 1), SK-O-V3 (Lane 2), HaCaT (Lane 3), NIH:OVCAR-3 (Lane 4), MIA PaCa-2 (Lane 5) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). 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: 1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580).



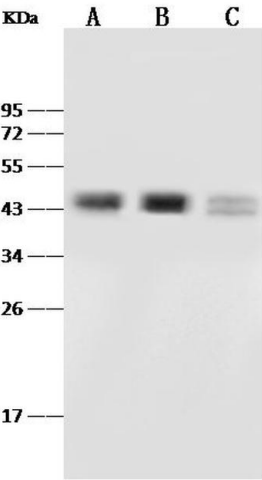
PAX2 Antibody (PA5-81235)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HEK-293 cells were transfected with Paired box protein Pax-2 siRNA and decrease in signal intensity was observed in Western Blot application using Anti-PAX2 Polyclonal Antibody (Product # PA5-81235). {KD}



PAX2 Antibody (PA5-81235) in WB

Western Blot using PAX2 Polyclonal Antibody (Product # PA5-81235) at 1:500 dilution. Lane A: K562 Whole Cell Lysate, Lane B: 293T Whole Cell Lysate, Lane C: MCF7 Whole Cell Lysate. Lysates/proteins at 30 g per lane. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1:10,000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 44 kDa. Observed band size: 44 kDa.



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Immunocytochemistry (1)

STAR protocols	Year 2021
Derivation of dorsal spinal sensory interneurons from human pluripotent stem cells.	Species Human
"Published figure using PAX2 polyclonal antibody (Product # PA5-81235) in Immunocytochemistry"	Dilution 1:500
Authors: Gupta S,Yamauchi K,Novitch BG,Butler SJ	

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