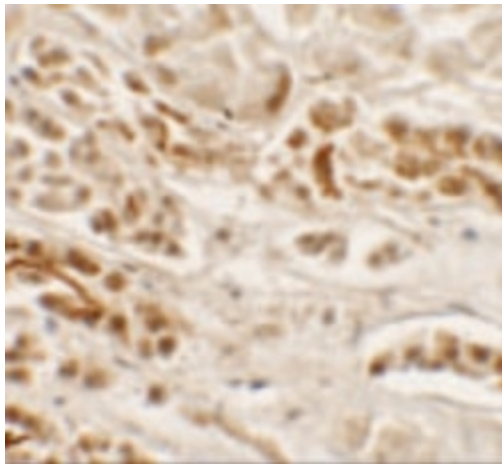


# Nkx2.2 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	NKX2-2 antibody for a 19 amino acid synthetic peptide near the center of human NKX2-2. The immunogen is within amino acids 90 - 140 of NKX2-2.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
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_2718615

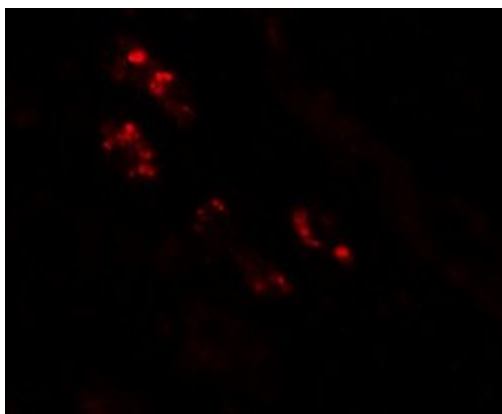
Applications	Tested Dilution	Publications
Western Blot (WB)	1.0 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	2.5 µg/mL	-
ELISA (ELISA)	Assay-Dependent	-

## Product Images For Nkx2.2 Polyclonal Antibody



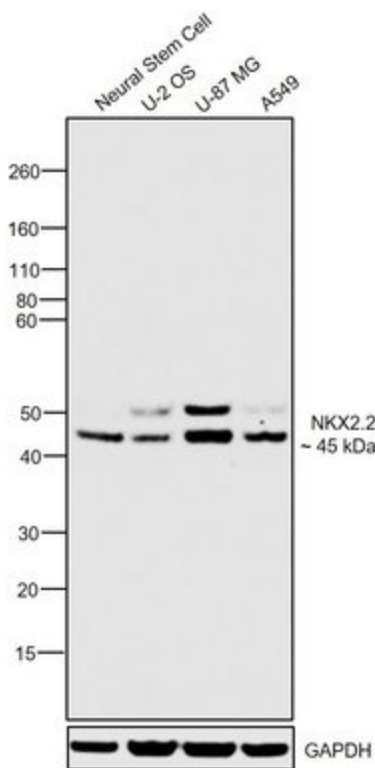
### Nkx2.2 Antibody (PA5-72761) in IHC

Immunohistochemistry of NKX2-2 in human kidney tissue with Nkx2.2 Polyclonal Antibody (Product # PA5-72761) at 2.5 µg/mL.



### Nkx2.2 Antibody (PA5-72761) in IHC

Immunofluorescence of NKX2-2 in human kidney tissue with Nkx2.2 Polyclonal Antibody (Product # PA5-72761) at 20 µg/mL.



### Nkx2.2 Antibody (PA5-72761) in WB

Western blot was performed using Anti-Nkx2.2 Polyclonal Antibody (Product # PA5-72761) and due to glycosylation a 45kDa band corresponding to NKX2.2 was observed across cell lines tested along with an uncharacterized band at ~ 50 kDa. Modified whole cell extracts (1% SDS) (30 µg lysate) of Neural Stem Cell (Lane 1), U-2 OS (Lane 2), U-87 MG (Lane 3) and A549 (Lane 4) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # LC2001) 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 (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036), 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

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