

DHX9 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human DHX9
Form	Liquid
Concentration	0.05 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
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_2640597

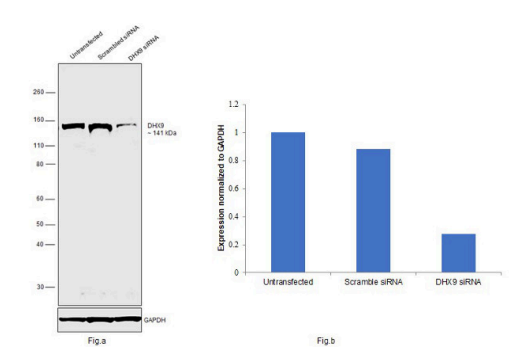
Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	-
Immunohistochemistry (IHC)	1:200-1:500	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-
Immunoprecipitation (IP)	-	1 Publication

Product Specific Information

Immunogen sequence: PHLALKAENN SEVGASGYGV PGPTWDRGAN LKDYYSRKEE QEVQATLESE EVDLNAGLHG NWTLENAKAR LNQYFQKEKI QGEYKYTQVG PDHNRSF

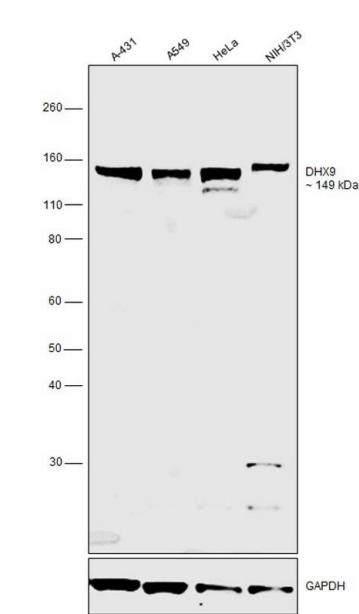
Highest antigen sequence identity to the following orthologs: Mouse - 95%, Rat - 94%.

Product Images For DHX9 Polyclonal Antibody



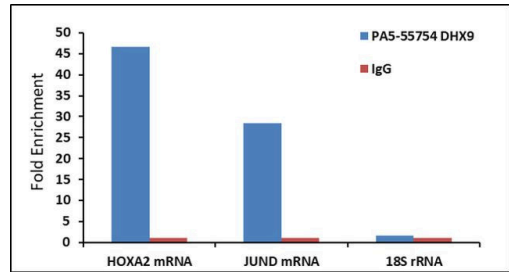
DHX9 Antibody (PA5-55754)

Antibody specificity was demonstrated by siRNA mediated KD of target protein. A-431 cells were transfected with DHX9 siRNA and reduction of signal was observed in Western Blot using DHX9 Polyclonal Antibody (Product # PA5-55754). {KD}



DHX9 Antibody (PA5-55754) in WB

Western blot was performed using anti-DHX9 Polyclonal Antibody (Product # PA5-55754) and a 149 kDa band corresponding to DHX9 was observed across cell lines tested. Whole cell extracts (30 µg lysate) of A-431 (Lane 1), A549 (Lane 2), HeLa (Lane 3) and NIH/3T3 (Lane 4) were electrophoresed using NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # LC2001) by wet transfer using XCell SureLock™ Mini-Cell and XCell II™ Blot Module (Product # EI0002). The blot was probed with the primary antibody (0.2 µg/mL) and detected by chemiluminescence Goat Anti-Rabbit IgG Secondary Antibody, HRP conjugate (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).



DHX9 Antibody (PA5-55754)

Antibody specificity was demonstrated by detection of binding of the target protein to specific RNA. RNA Immunoprecipitation (RIP) was performed using Anti-DHX9 Polyclonal Antibody (Product # PA5-55754) using RIP primer pairs for HOXA2, JUND mRNA and 18S rRNA. {RE}

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Immunoprecipitation (1)

American journal of physiology. Cell physiology	Year 2019
Involvement of DHX9/YB-1 complex induced alternative splicing of Krüppel-like factor 5 mRNA in phenotypic transformation of vascular smooth muscle cells.	Species Mouse
"PA5-55754 was used in Immunoprecipitation to understand the molecular mechanisms underlying phenotypic transformation of vascular smooth muscle cells in the development of aortic dissection disease."	
Authors: Huan W,Zhang J,Li Y,Zhi K	

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