

# Kinesin 5B Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to a region within amino acids 901 and 963 of UKHC (Uniprot ID#P33176)
Form	Liquid
Concentration	0.4 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 10% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11157673

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-

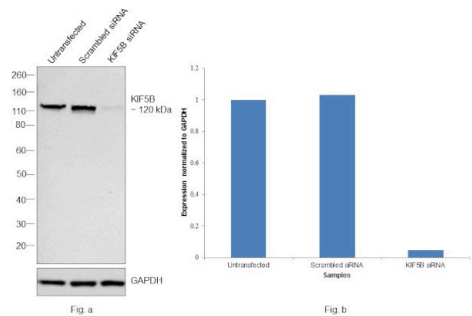
## Product Specific Information

Recommended positive controls: 293T, A431, H1299, HeLaS3, HepG2, Raji.

Predicted reactivity: Bovine (100%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For Kinesin 5B Polyclonal Antibody

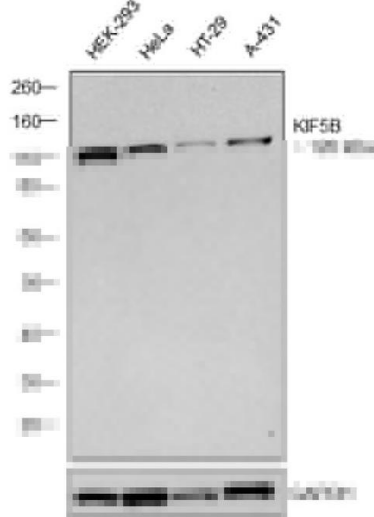


Kinesin 5B Antibody (PA5-21623)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HEK-293 cells were transfected with KIF5B siRNA and a steep decrease in signal intensity was observed in western blot application using Anti-KIF5B Polyclonal Antibody (Product # PA5-21623). {KD}

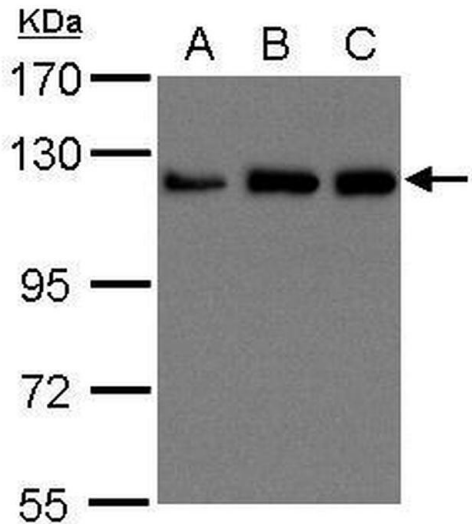
Kinesin 5B Antibody (PA5-21623) in WB

Western blot was performed using Anti-KIF5B Polyclonal Antibody, (Product # PA5-21623) and a 120 kDa band corresponding to KIF5B was observed in the cell lines tested. Whole cell extracts (30 µg lysate) of HEK-293 (Lane 1), HeLa (Lane 2), HT-29 (Lane 3), and A-431 (Lane 4) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris 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 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).



Kinesin 5B Antibody (PA5-21623) in WB

Western Blot using Kinesin 5B Polyclonal Antibody (Product # PA5-21623). Sample (30 µg of whole cell lysate). Lane A: 293T. Lane B: A431. Lane C: H1299 . 15% SDS PAGE. Kinesin 5B Polyclonal Antibody (Product # PA5-21623) diluted at 1:1500.



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