

# Kinesin 5B Polyclonal Antibody

## Product Details

Size	100 µg
Species Reactivity	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (QPVAVRGGGGKQV) corresponding to the C-terminus amino acids of KIF5B
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10984828

## Applications

Applications	Tested Dilution	Publications
Western Blot (WB)	0.5-1.5 µg/mL	-
Immunocytochemistry (ICC/IF)	Assay-dependent	-

## Product Specific Information

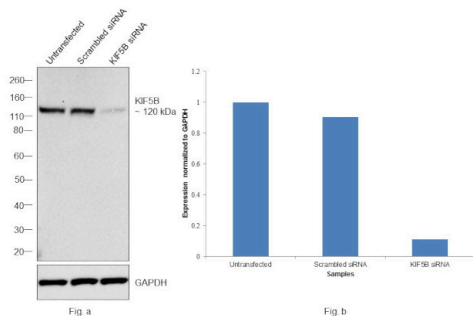
This antibody is predicted to react with bovine, mouse and rat based on sequence homology.

This antibody is tested in Peptide ELISA: antibody detection limit dilution 8,000.

## Product Images For Kinesin 5B Polyclonal Antibody

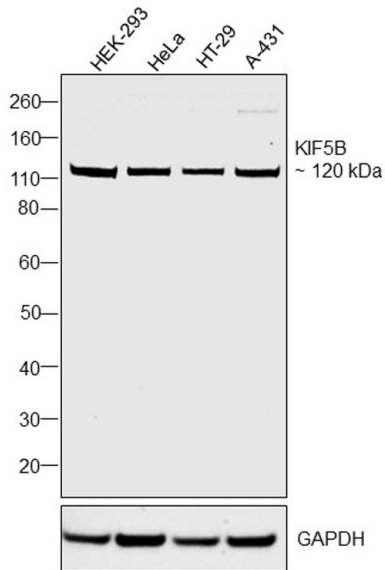
### Kinesin 5B Antibody (PA5-18063)

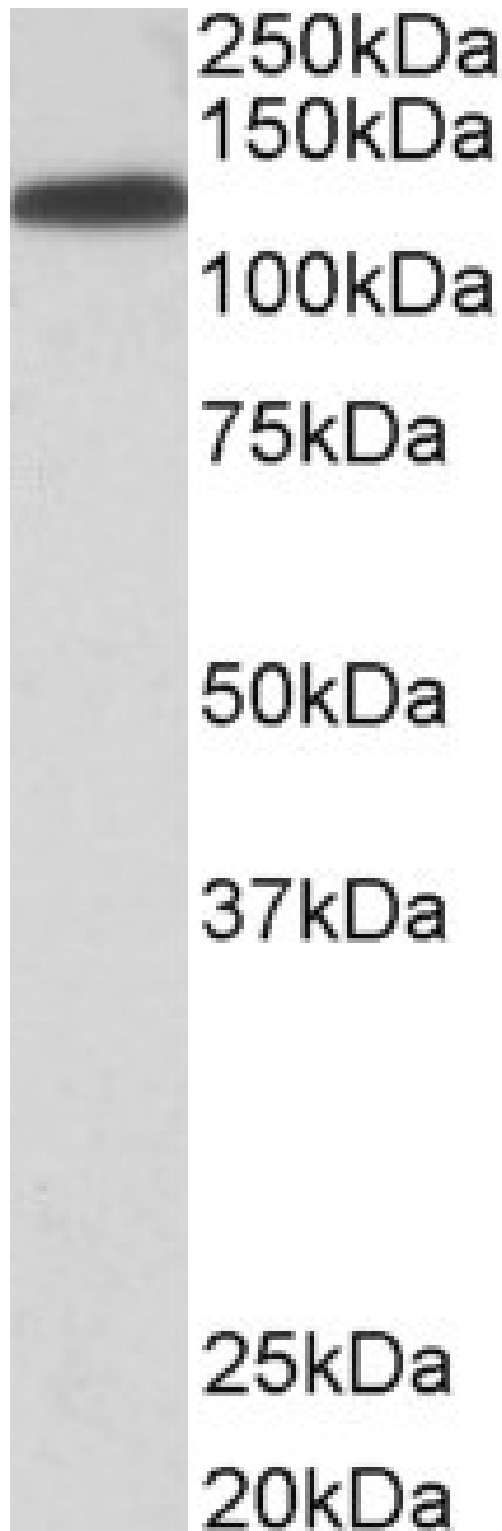
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HEK-293 cells were transfected with KIF5B siRNA and a steep decrease in signal intensity was observed in western blot application using Anti-KIF5B Polyclonal Antibody (Product # PA5-18063). {KD}



### Kinesin 5B Antibody (PA5-18063) in WB

Western blot was performed using Anti-KIF5B Polyclonal Antibody, (Product # PA5-18063) 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 (0.5 µg/mL) and detected by chemiluminescence with Rabbit anti-Goat IgG Heavy Chain, Superclonal™ Recombinant Secondary Antibody, HRP conjugate (Product # A27014, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).





#### Kinesin 5B Antibody (PA5-18063) in WB

Western blot analysis of Kinesin 5B using Kinesin 5B Polyclonal Antibody (Product # PA5-18063) (0.03 µg/mL) in staining of lysates of cell line HeLa (35 µg protein in RIPA buffer). Detected by chemiluminescence.

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