

Product Datasheet

Kinesin 5B Antibody NB100-1059

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1059**Kinesin 5B Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	3799
Gene Symbol	KIF5B
Species	Human
Immunogen	Peptide with sequence C-QPVAVRGGGGKQV corresponding to C-Terminus according to NP_004512.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 1.5 ug/mL, Peptide ELISA Detection limit 1:8000
Application Notes	WB: Approx. 110 kDa band observed in Jurkat and HeLa lysates (calculated MW of 110 kDa band according to NP_004512.1).

Images

Western Blot: Kinesin 5B Antibody [NB100-1059] - Staining of HeLa cell lysates (35 ug protein in RIPA buffer). Antibody at 0.03 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa

Publications

AvilEs EC, Krol A, Henle SJ et al. Fat3 acts through independent cytoskeletal effectors to coordinate asymmetric cell behaviors during polarized circuit assembly Cell reports 2022-02-01 [PMID: 35108541] (WB, Mouse)

Cheng H, Burroughs-Garcia J, Birkness JE et al. Disparate Regulatory Mechanisms Control Fat3 and P75NTR Protein Transport through a Conserved Kif5-Interaction Domain. PLoS ONE. 2016-10-27 [PMID: 27788242] (WB, Human)

Semiz S, Park JG, Nicoloso SM et al. Conventional kinesin KIF5B mediates insulin-stimulated GLUT4 movements on microtubules EMBO J 2003-05-15 [PMID: 12743033]



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Products Related to NB100-1059

NB820-59231	Human Kidney Whole Tissue Lysate (Adult Whole Normal)
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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