

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

Anti-Kinesin, heavy chain, a.a.420-445, clone H2

RRID:AB_94284

Type: Antibody

Proper Citation

Millipore Cat# MAB1614, RRID:AB_94284

Antibody Information

URL: http://antibodyregistry.org/AB_94284

Proper Citation: Millipore Cat# MAB1614, RRID:AB_94284

Target Antigen: Kinesin heavy chain a.a.420-445 clone H2

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: IgG2; IgG2 Immunohistochemistry; Immunocytochemistry; ELISA; Functional Assay; Western Blot; Radioimmunoassay; Immunoprecipitation; ELISA, IC, IH, IP, FUNC, RIA, WB

Antibody Name: Anti-Kinesin, heavy chain, a.a.420-445, clone H2

Description: This monoclonal targets Kinesin heavy chain a.a.420-445 clone H2

Target Organism: su, ch, sqd, porcine, h, m, r, chickenbird, ma

Antibody ID: AB_94284

Vendor: Millipore

Catalog Number: MAB1614

Record Creation Time: 20250820T065855+0000

Record Last Update: 20250821T012045+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Kinesin, heavy chain, a.a.420-445, clone H2.

No alerts have been found for Anti-Kinesin, heavy chain, a.a.420-445, clone H2.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Naderi Yeganeh P, et al. (2024) Integrative pathway analysis across humans and 3D cellular models identifies the p38 MAPK-MK2 axis as a therapeutic target for Alzheimer's disease. *Neuron*.

Tsong H, et al. (2023) Aging Differentially Affects Axonal Autophagosome Formation and Maturation. *Autophagy*, 19(12), 3079.

Chiba K, et al. (2022) Synergistic autoinhibition and activation mechanisms control kinesin-1 motor activity. *Cell reports*, 39(9), 110900.

Boecker CA, et al. (2021) Increased LRRK2 kinase activity alters neuronal autophagy by disrupting the axonal transport of autophagosomes. *Current biology : CB*, 31(10), 2140.

Roney JC, et al. (2021) Lipid-mediated motor-adaptor sequestration impairs axonal lysosome delivery leading to autophagic stress and dystrophy in Niemann-Pick type C. *Developmental cell*, 56(10), 1452.

Wu H, et al. (2020) A kinesin adapter directly mediates dendritic mRNA localization during neural development in mice. *The Journal of biological chemistry*, 295(19), 6605.

Hendrickson A, et al. (2019) Development of cone photoreceptors and their synapses in the human and monkey fovea. *The Journal of comparative neurology*, 527(1), 38.

Cromberg LE, et al. (2019) Neuronal KIF5b deletion induces striatum-dependent locomotor impairments and defects in membrane presentation of dopamine D2 receptors. *Journal of neurochemistry*, 149(3), 362.

Karasmanis EP, et al. (2018) Polarity of Neuronal Membrane Traffic Requires Sorting of Kinesin Motor Cargo during Entry into Dendrites by a Microtubule-Associated Septin. *Developmental cell*, 46(2), 204.

Padzik A, et al. (2016) KIF5C S176 Phosphorylation Regulates Microtubule Binding and Transport Efficiency in Mammalian Neurons. *Frontiers in cellular neuroscience*, 10, 57.

An L, et al. (2016) Acrylamide Retards the Slow Axonal Transport of Neurofilaments in Rat Cultured Dorsal Root Ganglia Neurons and the Corresponding Mechanisms.

Neurochemical research, 41(5), 1000.