

Product Datasheet

DOCK9 Antibody - BSA Free

NB500-265

Unit Size: 100 ul

Store at 4C. Do not freeze.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB500-265

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB500-265



NB500-265

DOCK9 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Target Molecular Weight	236 kDa

Product Description

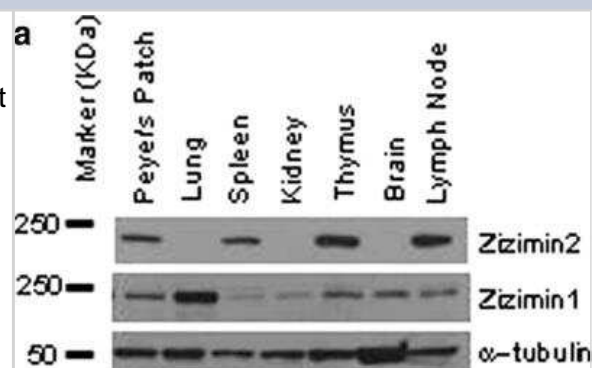
Host	Rabbit
Gene ID	23348
Gene Symbol	DOCK9
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1850 and 1900 of human Dedicator of Cytokinesis 9 using the numbering given in entry NP_056111.1 (GeneID 23348).

Product Application Details

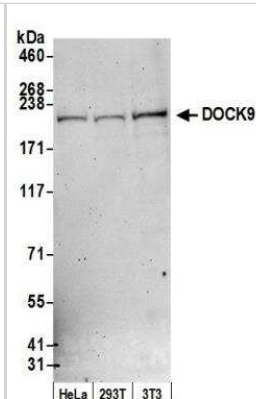
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 2-10 ug/mg lysate

Images

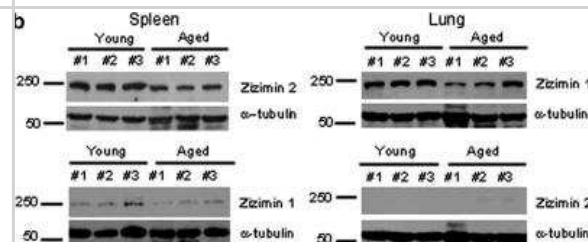
Western Blot: DOCK9 Antibody [NB500-265] - Expression profile of Zizimin1 and Zizimin2 protein. Western blot analysis shows the expression levels of Zizimin1 and Zizimin2 in murine tissues described at the top of the panels. alpha-Tubulin was used as a loading control. Image collected and cropped by CiteAb from the following publication (immunityageing.biomedcentral.com/articles/10.1186/1742-4933-9-2), licensed under a CC-BY license.



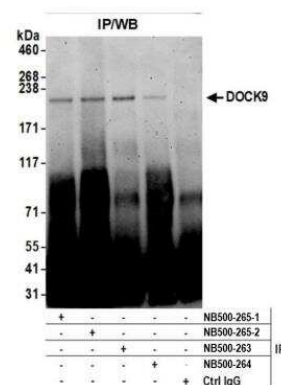
Western Blot: DOCK9 Antibody [NB500-265] - Detection of Human and Mouse DOCK9 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa, 293T, and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DOCK9 antibody NB500-265 used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



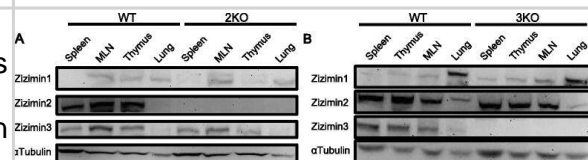
Western Blot: DOCK9 Antibody [NB500-265] - Zizimin2, Zizimin1, and Zizimin3 expression in young and aged mice. Lysates were prepared from three individual three young (7-8 weeks old) or aged (24 months old) mouse tissues, which are described to the left of each panel, followed by western blotting. alpha-Tubulin was used as a loading control. Image collected and cropped by CiteAb from the following publication (immunityageing.biomedcentral.com/articles/10.1186/1742-4933-9-2), licensed under a CC-BY license.



Immunoprecipitation: DOCK9 Antibody [NB500-265] - Detection of human DOCK9 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DOCK9 antibody NB500-265 (lot NB500-265-2) used for IP at 6 ug per reaction. DOCK9 was also immunoprecipitated by a previous lot of this antibody (lot NB500-265-1) and rabbit anti-DOCK9 antibodies NB500-263 and NB500-264. Detection: Chemiluminescence with an exposure time of 3 minutes.



Absence of Zizimin proteins, but normal numbers of hematopoietic cells in KO mice. (A-B) Western blotting for Ziz2 (A) or Ziz3 (B) Protein lysates (30 ug/lane) were loaded & designated antibodies were reacted with the membranes. Replicated membranes were used for all antibodies. Zizimin proteins were absent in KO mice (8 weeks old, male). (C-F) The numbers of hematopoietic cells were counted after the hemolytic reaction (C-E) or flow cytometric analysis (F). No significant difference was observed among the groups (C-F). Three mice (8 weeks old, female) per group from three independent experiments (one mouse per group per experiment) were used. 2KO: Ziz2 KO. 3KO: Ziz3 KO. Image collected & cropped by CiteAb from the following publication (<https://immunityageing.biomedcentral.com/articles/10.1186/s12979-015-0028-x>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Matsuda T, Yanase S, Takaoka A, Maruyama M. The immunosenescence-related gene Zizimin2 is associated with early bone marrow B cell development and marginal zone B cell formation Immun Ageing. 2015-03-02 [PMID: 25729399] (WB, Mouse)

Sakabe I, Asai A, Iijima J, Maruyama M. Age-related guanine nucleotide exchange factor, mouse Zizimin2, induces filopodia in bone marrow-derived dendritic cells. Immun Ageing;9:2. 2012-04-11 [PMID: 22494997] (ICC/IF, WB, Mouse)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB500-265

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38517PEP	DOCK9 Recombinant Protein Antigen

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB500-265

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

