

Product Datasheet

Flotillin-1 Antibody NB100-1043

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 4

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Updated 9/9/2025 v.20.1

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NB100-1043

Flotillin-1 Antibody

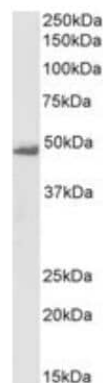
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Flotillin-1 Antibody (NB100-1043) is a polyclonal antibody validated for use in IHC, WB, ELISA and Simple Western. Anti-Flotillin-1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	10211
Gene Symbol	FLOT1
Species	Human
Immunogen	Peptide with sequence C-SISQVNHKPLRTA corresponding to C-Terminus according to NP_005794.1.

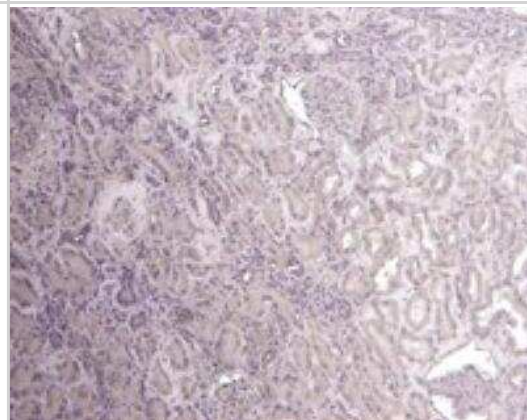
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/mL, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:32000
Application Notes	Western blot: Approx 48 kDa band observed in lysates of cell line K562 and in preliminary testing of cell lysate MCF7 (calculated MW of 47.4 kDa according to NP_005794.1). See Simple Western Antibody Database for Simple Western validation: Tested in Brain, separated by Size

Images

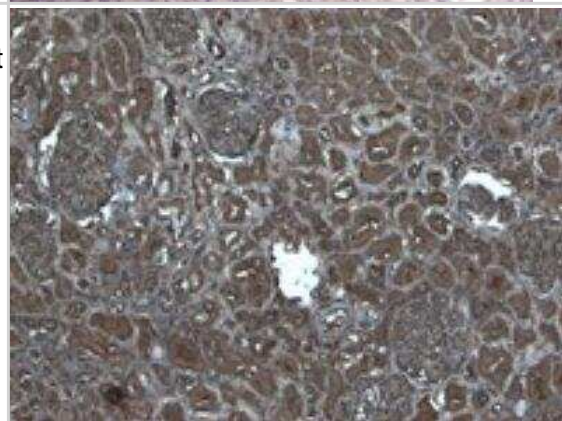
Western Blot: Flotillin-1 Antibody [NB100-1043] - Staining of K562 lysate (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Detected by Chemiluminescence.



Immunohistochemistry-Paraffin: Flotillin-1 Antibody [NB100-1043] - Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.



Immunohistochemistry-Paraffin: Flotillin-1 Antibody [NB100-1043] - Staining of paraffin embedded Human Kidney. Antibody at 5 ug/mL. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Publications

Pushkarsky T, Ward A, Ivanov A et al. Abundance of Nef and p-Tau217 in Brains of Individuals Diagnosed with HIV-Associated Neurocognitive Disorders Correlate with Disease Severance Molecular Neurobiology 2022-02-01 [PMID: 34843091]

Pedro Fuentes, Marta Sesé, Pedro J. Guijarro, Marta Emperador, Sara Sánchez-Redondo, Héctor Peinado, Stefan Hümmer, Santiago Ramón y. Cajal ITGB3-mediated uptake of small extracellular vesicles facilitates intercellular communication in breast cancer cells Nature Communications 2020-08-26 [PMID: 32848136]

Bickel PE, Scherer PE, Schnitzer JE et al. Flotillin and epidermal surface antigen define a new family of caveolae-associated integral membrane proteins. J Biol Chem 1997-05-23 [PMID: 9153235]

Vassilieva EV, Gerner-Smidt K, Ivanov AI, Nusrat A. Lipid rafts mediate internalization of beta1-integrin in migrating intestinal epithelial cells. Am J Physiol Gastrointest Liver Physiol. 2008-11-01 [PMID: 18755811] (WB, Human)

Details:

WB (Human SK-CO15 cells), Fig. 10A.



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 NB100-1043

NBL1-10769	Flotillin-1 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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