

Product Datasheet

Flotillin-1 Antibody - BSA Free NBP1-79022

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NBP1-79022

Flotillin-1 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)

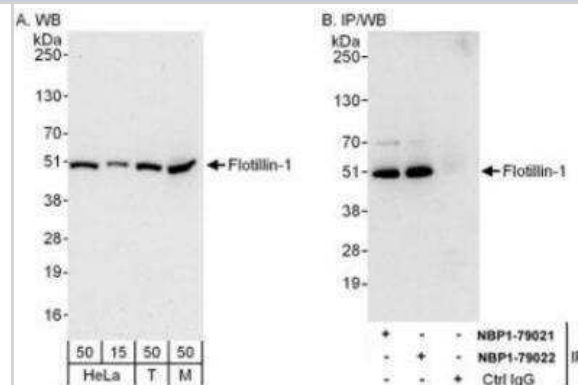
Product Description	
Description	Novus Biologicals Rabbit Flotillin-1 Antibody - BSA Free (NBP1-79022) is a polyclonal antibody validated for use in WB, Simple Western and IP. Anti-Flotillin-1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10211
Gene Symbol	FLOT1
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 377 and 427 of human Flotillin 1 using the numbering given in entry NP_005794.1 (GeneID 10211).

Product Application Details	
Applications	Western Blot, Simple Western, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Simple Western 1:250, Immunoprecipitation 2-10 ug/mg
Application Notes	Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE

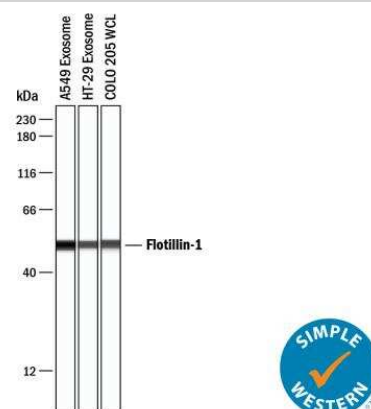


Images

Western Blot: Flotillin-1 Antibody [NBP1-79022] - Whole cell lysate from HeLa (15 and 50 mcg for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 mcg) and mouse NIH3T3 (M; 50 mcg) cells. Antibodies: Affinity purified rabbit anti-Flotillin-1 antibody used for WB at 0.1 mcg/ml (A) and 1 mcg/ml (B) and used for IP at 6 mcg/mg lysate. Flotillin-1 was also immunoprecipitated by rabbit anti-Flotillin-1 antibody NBP1-79021 which recognizes an upstream epitope.



Simple Western: Flotillin-1 Antibody [NBP1-79022] - Simple Western lane view shows lysates of Exosome Standards (A549 cell line) (NBP3-11645), exosome standards (HT29 cell line) (NBP3-11685), and COLO 205 human colorectal adenocarcinoma cell line whole cell lysate (WCL), loaded at 0.2 mg/mL. A specific band was detected for Flotillin-1 at approximately 51 kDa (as indicated) using 1:250 ug/mL of Flotillin-1 antibody (NBP1-79022). This experiment was conducted under reducing conditions and using the 12-230 kDa separation system.



Publications

Brambilla D, Panico F, Unlu M, Chiari M Sequential separation and profiling of extracellular vesicles using antibody-aptamer conjugates ChemRxiv 2023-11-29 (WB, Human)

Eitan E, Thornton-Wells T, Elgart K et al. Synaptic proteins in neuron-derived extracellular vesicles as biomarkers for Alzheimer's disease: novel methodology and clinical proof of concept Extracellular Vesicles and Circulating Nucleic Acids 2023-03-31 (IA, Human)

Lu A, Wawro P, Morgens DW et al. Genome-wide interrogation of extracellular vesicle biology using barcoded miRNAs Elife 2018-12-17 [PMID: 30556811] (Human)



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Products Related to NBP1-79022

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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