

Product Datasheet

Dystroglycan Antibody - BSA Free NBP2-14868

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 2

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NBP2-14868

Dystroglycan Antibody - BSA Free

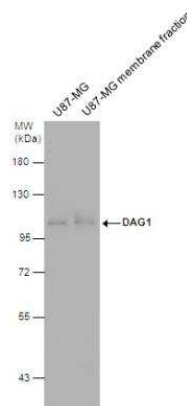
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	97 kDa

Product Description	
Description	Novus Biologicals Rabbit Dystroglycan Antibody - BSA Free (NBP2-14868) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Dystroglycan Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1605
Gene Symbol	DAG1
Species	Human, Mouse, Rat, Equine
Immunogen	Recombinant protein encompassing a sequence within the center region of human Dystroglycan. The exact sequence is proprietary.

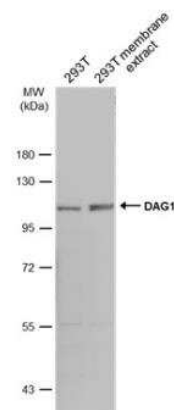
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

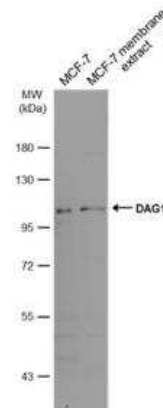
Western Blot: Dystroglycan Antibody [NBP2-14868] - U87-MG whole cell extracts and membrane extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with DAG1 antibody diluted at 1:500.



Western Blot: Dystroglycan Antibody [NBP2-14868] - 293T whole cell and membrane extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Dystroglycan Antibody diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody



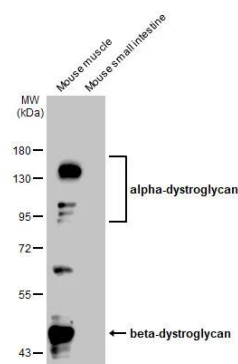
Western Blot: Dystroglycan Antibody [NBP2-14868] - MCF-7 whole cell and membrane extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Dystroglycan Antibody diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



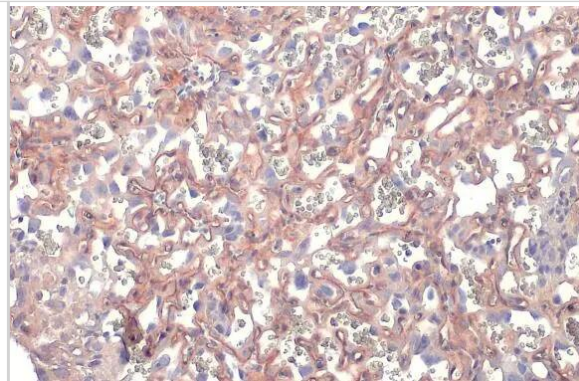
Western Blot: Dystroglycan Antibody [NBP2-14868] - Human tissue extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Dystroglycan antibody (NBP2-14868) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: Dystroglycan Antibody [NBP2-14868] - Various tissue extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Dystroglycan antibody (NBP2-14868) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

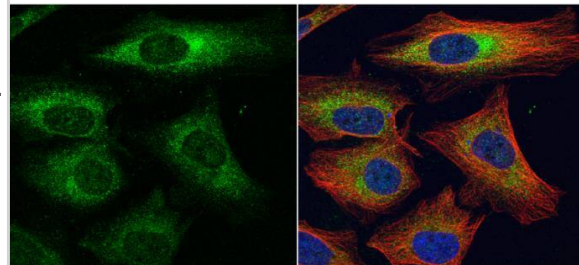


Immunohistochemistry-Paraffin: Dystroglycan Antibody [NBP2-14868] - Dystroglycan antibody detects Dystroglycan protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse placenta. Dystroglycan stained by Dystroglycan antibody (NBP2-14868) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

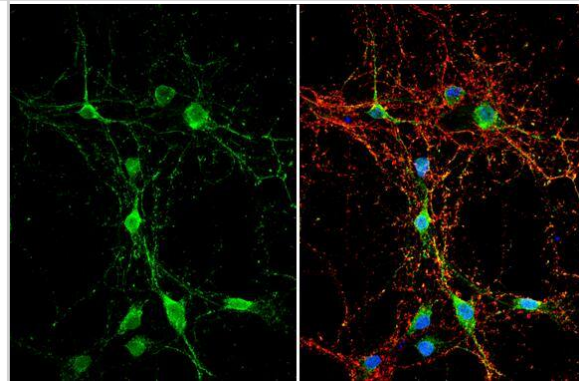


alpha Dystroglycan antibody detects alpha Dystroglycan protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: alpha Dystroglycan protein stained by alpha Dystroglycan antibody (NBP2-14868) diluted at 1:1000.
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [B-5-1-2] diluted at 1:10000.
Blue: Hoechst 33342 staining.



DAG1 antibody detects DAG1 protein by immunofluorescent analysis. Sample: DIV10 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: DAG1 stained by DAG1 antibody (NBP2-14868) diluted at 1:500. Red: Tau, stained by Tau antibody [GT287] diluted at 1:500. Blue: Fluoroshield with DAPI .



Publications

Pestronk A Chronic Graft Versus Host Myopathies: Noninflammatory, Multi-Tissue Pathology With Glycosylation Disorders *J. Neuropathol. Exp. Neurol.* 2020-01-01 [PMID: 31803918]

Johnson K, Bertoli M, Phillips L et al. Detection of variants in dystroglycanopathy-associated genes through the application of targeted whole-exome sequencing analysis to a large cohort of patients with unexplained limb-girdle muscle weakness *Skelet Muscle* 2018-07-30 [PMID: 30060766] (IF/IHC, Human)



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 NBP2-14868

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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