

Product Datasheet

GAP-43 Antibody - BSA Free **NBP2-42847**

Unit Size: 0.1 ml

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

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NBP2-42847

GAP-43 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 | 0.01% Thimerosal |
| Isotype | IgG |
| Purity | Antigen Affinity-purified |
| Buffer | PBS (pH 7), 20% Glycerol |
| Target Molecular Weight | 24 kDa |

Product Description

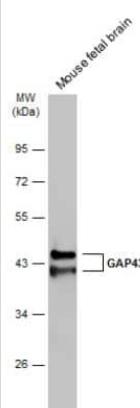
| | |
|-------------------------|--|
| Description | Novus Biologicals Rabbit GAP-43 Antibody - BSA Free (NBP2-42847) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-GAP-43 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 2596 |
| Gene Symbol | GAP43 |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Porcine (80%). |
| Immunogen | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of rat GAP-43. The exact sequence is proprietary. |

Product Application Details

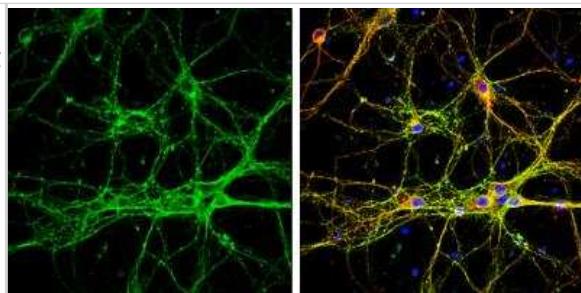
| | |
|------------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen |
| Recommended Dilutions | Western Blot 1:5000-1:30000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000 |

Images

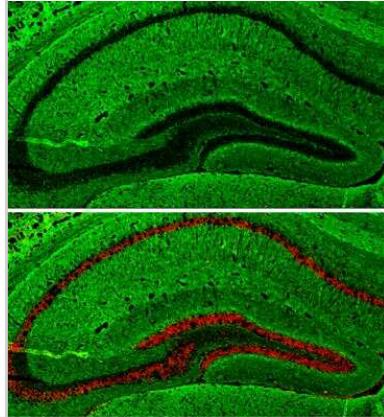
Western Blot: GAP-43 Antibody [NBP2-42847] - Mouse tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with GAP-43 antibody diluted at 1:30000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



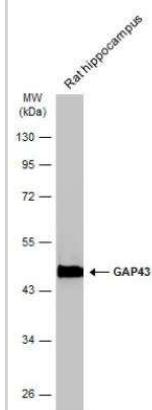
Immunocytochemistry/Immunofluorescence: GAP-43 Antibody [NBP2-42847] - GAP-43 antibody detects GAP-43 protein by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min. Green: GAP-43 protein stained by GAP-43 antibody diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody diluted at 1:500. Blue: Fluoroshield with DAPI.



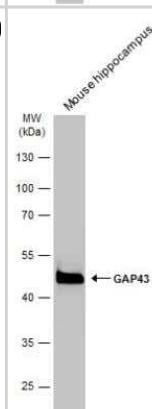
Immunohistochemistry-Frozen: GAP-43 Antibody [NBP2-42847] - GAP-43 antibody detects GAP-43 protein expression by immunohistochemical analysis. Sample: Frozen-sectioned adult mouse hippocampus. Green: GAP-43 protein stained by GAP-43 antibody diluted at 1:250. Red: NeuN, stained by NeuN antibody diluted at 1:500.



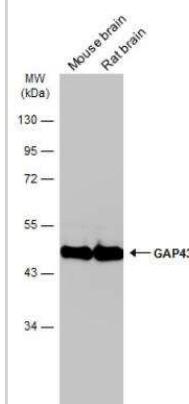
Western Blot: GAP-43 Antibody [NBP2-42847] - Rat tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with GAP-43 antibody diluted at 1:30000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



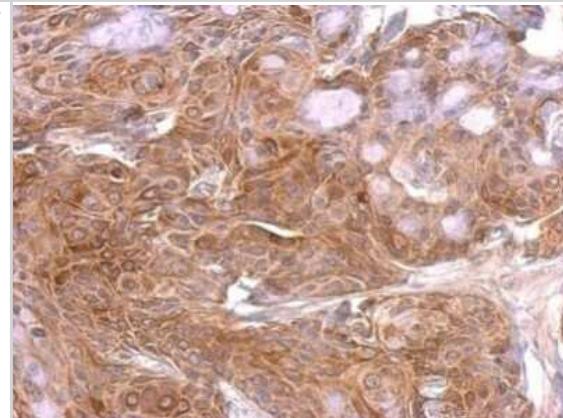
Western Blot: GAP-43 Antibody [NBP2-42847] - Mouse tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with GAP-43 antibody diluted at 1:30000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



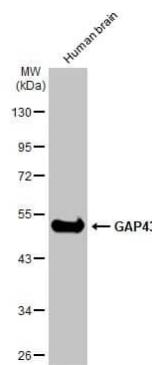
Western Blot: GAP-43 Antibody [NBP2-42847] - Various tissue extracts (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with GAP-43 antibody diluted at 1:30000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunohistochemistry-Paraffin: GAP-43 Antibody [NBP2-42847] - Cal27 xenograft. GAP43 antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: GAP-43 Antibody [NBP2-42847] - Human tissue extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with GAP-43 antibody (NBP2-42847) diluted at 1:30000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Barisic D, Erb M, Follo M et al. Lack of a skeletal muscle phenotype in adult human bone marrow stromal cells following xenogeneic-free expansion Stem Cell Res Ther 2020-02-22 [PMID: 32087752] (ICC/IF, 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 NBP2-42847

| | |
|-----------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBP2-53033-20ug | Recombinant Human GAP-43 His Protein |

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

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