

Product Datasheet

AF9 Antibody NBP2-15303

Unit Size: 0.1 ml

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

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Updated 10/23/2024 v.20.1

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NBP2-15303

AF9 Antibody

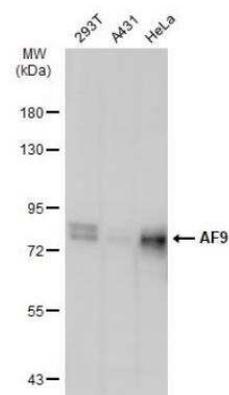
| Product Information | |
|-------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.025% Proclin 300 |
| Isotype | IgG |
| Purity | Antigen Affinity-purified |
| Buffer | PBS (pH 7), 20% Glycerol, 1% BSA |
| Target Molecular Weight | 63 kDa |

| Product Description | |
|---------------------|---|
| Host | Rabbit |
| Gene ID | 4300 |
| Gene Symbol | MLLT3 |
| Species | Human, Mouse |
| Immunogen | Recombinant protein encompassing a sequence within the center region of human AF9. The exact sequence is proprietary. |

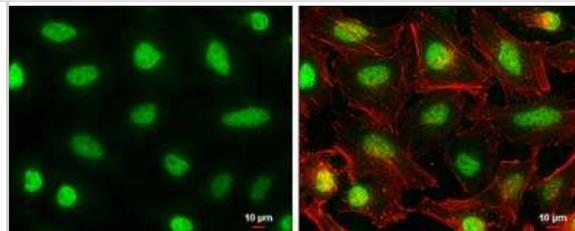
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation Sequencing |
| Recommended Dilutions | Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Chromatin Immunoprecipitation Sequencing Assay dependent |

Images

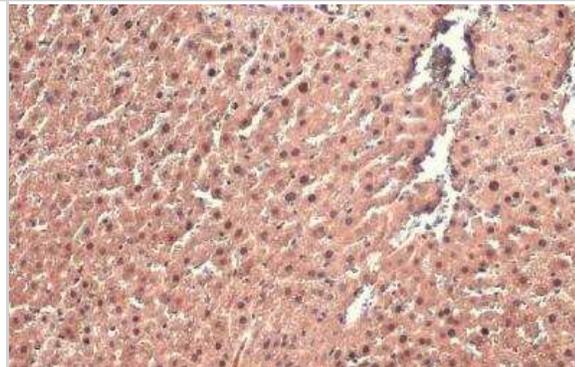
Western Blot: AF9 Antibody [NBP2-15303] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with AF9 antibody diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



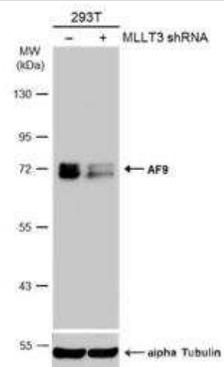
Immunocytochemistry/Immunofluorescence: AF9 Antibody [NBP2-15303] - AF9 antibody detects AF9 protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: AF9 protein stained by AF9 antibody diluted at 1:1000. Red: Phalloidin, a cytoskeleton marker, diluted at 1:100. Scale bar = 10 μ m.



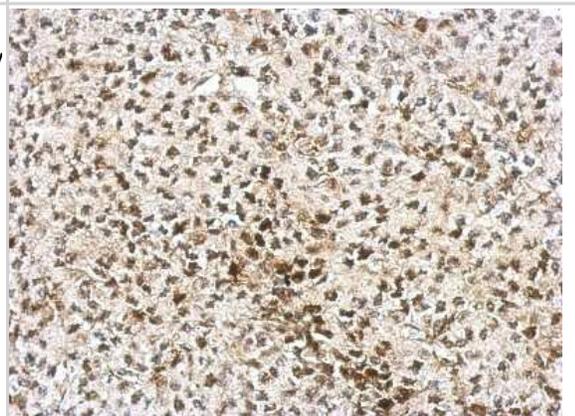
Immunohistochemistry-Paraffin: AF9 Antibody [NBP2-15303] - Mouse liver. AF9 stained by AF9 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



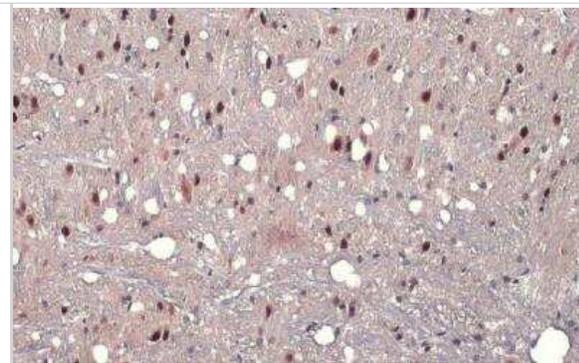
Western Blot: AF9 Antibody [NBP2-15303] - Non-transfected (-) and transfected (+) 293T whole cell extracts (50 μ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with AF9 antibody diluted at 1:500. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody



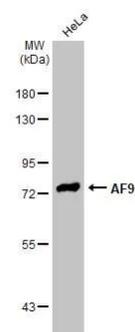
Immunohistochemistry-Paraffin: AF9 Antibody [NBP2-15303] - D54 xenograft, using AF9 antibody at 1:750 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: AF9 Antibody [NBP2-15303] - Mouse brain. AF9 stained by AF9 antibody diluted at 1:1500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Western Blot: AF9 Antibody [NBP2-15303] - Whole cell extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with AF9 antibody (NBP2-15303) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Tian X, Yu H, Li D et al. The miR-5694/AF9/Snail Axis Provides Metastatic Advantages and a Therapeutic Target in Basal-like Breast Cancer Molecular Therapy 2021-03-01 [PMID: 33221433] (Immunohistochemistry, Western Blot)

He X, Zhong X, Fang Y et al. AF9 sustains glycolysis in colorectal cancer via H3K9ac-mediated PCK2 and FBP1 transcription Clinical and Translational Medicine 2023-08-10 [PMID: 37565737]

Shao J, Shi T, Chen L et al. AF9 targets acetyl-modified STAT6 to diminish purine metabolism and accelerate cell apoptosis during metastasis Cell death and differentiation 2023-07-01 [PMID: 37308587]



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 NBP2-15303

| | |
|---------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBP1-90217PEP | AF9 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.

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