

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

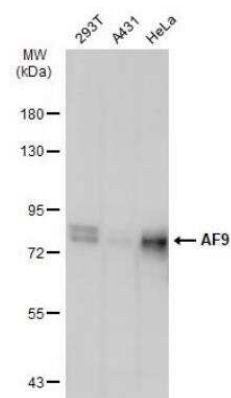
Host	Rabbit
Gene ID	4300
Gene Symbol	MLLT3
Species	Human, Mouse
Immunogen	Recombinant protein encompassing a sequence within the center region of human AF9. The exact sequence is proprietary.

Product Application Details

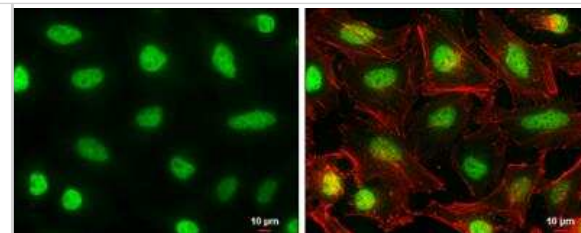
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation Sequencing
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin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

Images

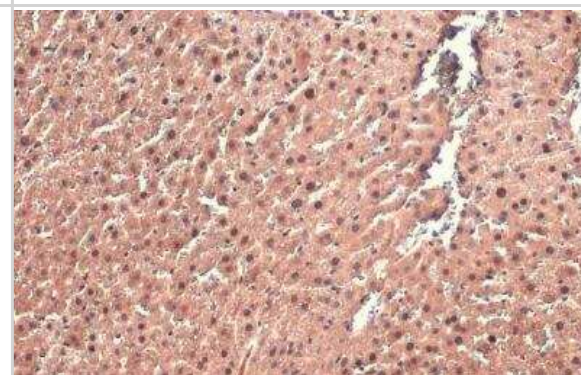
Western Blot: AF9 Antibody [NBP2-15303] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with AF9 antibody diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



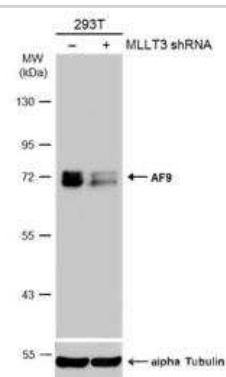
Immunocytochemistry/Immunofluorescence: AF9 Antibody [NBP2-15303] - AF9 antibody detects AF9 protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: AF9 protein stained by AF9 antibody diluted at 1:1000. Red: Phalloidin, a cytoskeleton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



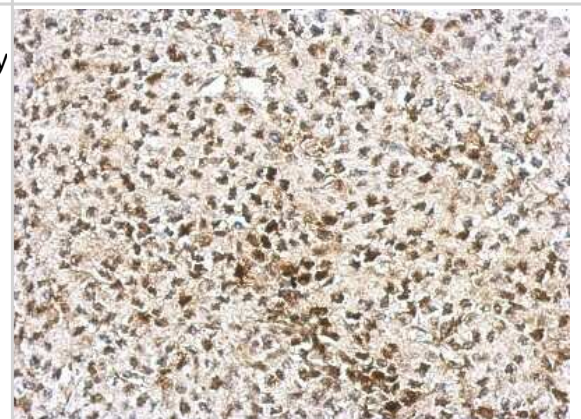
Immunohistochemistry-Paraffin: AF9 Antibody [NBP2-15303] - Mouse liver. AF9 stained by AF9 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



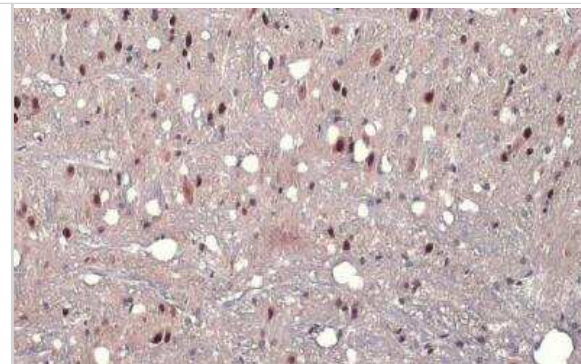
Western Blot: AF9 Antibody [NBP2-15303] - Non-transfected (-) and transfected (+) 293T whole cell extracts (50 μ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with AF9 antibody diluted at 1:500. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody



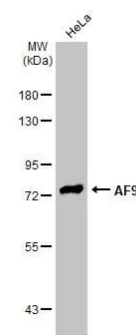
Immunohistochemistry-Paraffin: AF9 Antibody [NBP2-15303] - D54 xenograft, using AF9 antibody at 1:750 dilution. Antigen Retrieval: TrilogyTM (EDTA based, pH 8.0) buffer, 15min.



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]



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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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