Product Datasheet

PHF10 Antibody - BSA Free
NBP2-19795

Unit Size: 0.1 ml

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

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Reviews: 1

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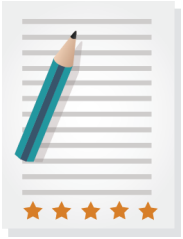
www.novusbio.com/NBP2-19795

Updated 9/25/2025 v.20.1



NBP2-19795

PHF10 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	56 kDa

Product Description

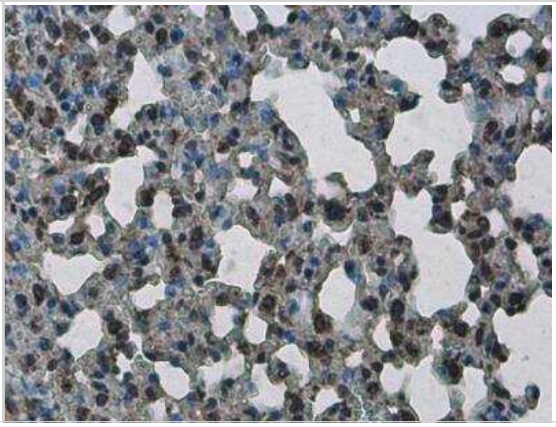
Description	Novus Biologicals Rabbit PHF10 Antibody - BSA Free (NBP2-19795) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55274
Gene Symbol	PHF10
Species	Human, Mouse, Rat
Reactivity Notes	Bovine (80%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human PHF10. The exact sequence is proprietary.

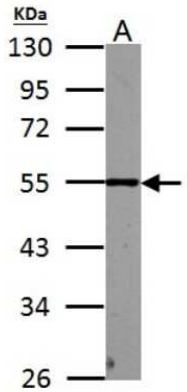
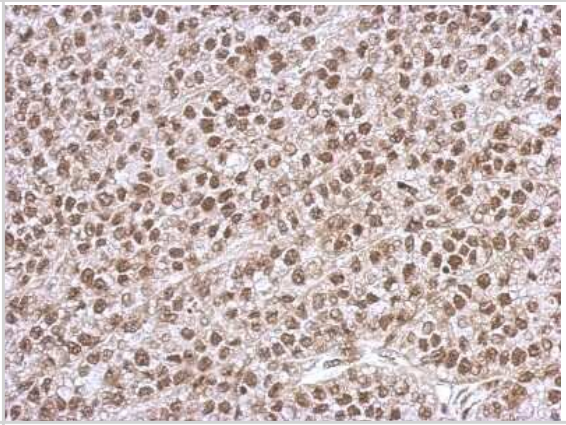
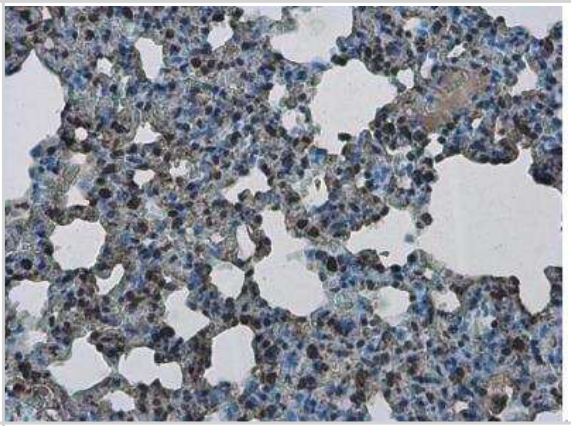
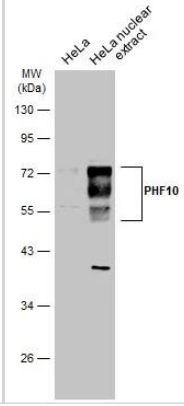
Product Application Details

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

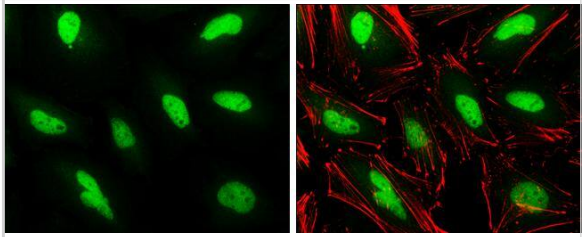
Immunohistochemistry-Paraffin: PHF10 Antibody [NBP2-19795] - Mouse lung. PHF10 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



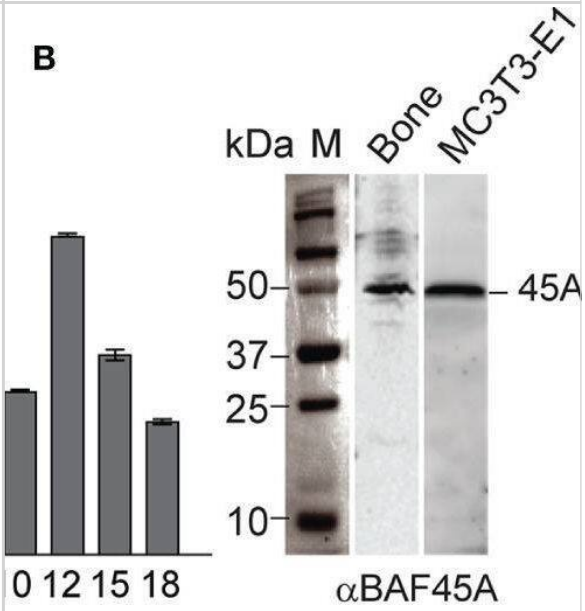
Western Blot: PHF10 Antibody [NBP2-19795] - 50 ug mouse colon lysate/extract 10% SDS-PAGE PHF10 antibody dilution: 1:1000.	
Immunohistochemistry-Paraffin: PHF10 Antibody [NBP2-19795] - Hela xenograft, using PHF10 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.	
Immunohistochemistry-Paraffin: PHF10 Antibody [NBP2-19795] - Rat lung. PHF10 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.	
Western Blot: PHF10 Antibody [NBP2-19795] - HeLa whole cell and nuclear extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PHF10 antibody (NBP2-19795) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.	

PHF10 antibody detects PHF10 protein at nucleus by immunofluorescent analysis.
Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: PHF10 protein stained by PHF10 antibody (NBP2-19795) diluted at 1:500.
Red: Phalloidin, a cytoskeleton marker, diluted at 1:100.
Blue: Hoechst 33342 staining.



Baf45a expression levels induce gene expression profiles for osteoblast differentiation. (A) Relative expression levels of Baf45a (left panel) and Runx2 (right panel) were obtained by real-time RT-qPCR using DNase I treated total RNA isolated from murine preosteoblast MC3T3-E1 cells induced to differentiate for 18 days. Gapdh mRNA profile was used as an experimental control. (B) Representative Western blot analysis with anti-BAF45A antibody of lysates from the femur and MC3T3-E1 cells. Molecular weight markers were indicated in kDa. (C) Relative protein levels of BAF45A (upper panel) and RUNX2 (middle panel) were obtained by Western blot analysis using total cell lysate isolated from murine calvarial osteoblast cells induced to differentiate for 25 days. Beta Tubulin protein profile (lower panel) was used as loading control. (D) Relative expression levels of Runx2 were obtained by real-time RT-qPCR using DNase I treated total RNA isolated from murine calvarial cells induced to differentiate for 25 days. (E) Overexpression of Baf45a in MC3T3-E1 osteoblast cells normalized to Gapdh after 72 hours by RT-qPCR. (F–J) Expressions of Runx2, Sp7 (osterix) osterix, Hoxa5, Hoxa10, and Hoxa11 were assessed by RT-qPCR and normalized to Gapdh. (J) Early markers Alp and Col1A1 and (K) late markers Spp1 (Opn), and Ocn were assayed. Statistical significance was determined by Student's t-test (*P ≤ 0.05; **P ≤ 0.01; ***P ≤ 0.001 versus matched control). Gapdh expression was used as the control. Image collected and cropped by CiteAb from the following open publication (https://pubmed.ncbi.nlm.nih.gov/35046892), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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Products Related to NBP2-19795

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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