

Product Datasheet

Hemoglobin alpha Antibody (PD00-16) **NBP3-32421**

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP3-32421**Hemoglobin alpha Antibody (PD00-16)****Product Information**

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PD00-16
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	15 kDa

Product Description

Description	Novus Biologicals Rabbit Hemoglobin alpha Antibody (PD00-16) (NBP3-32421) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3039
Gene Symbol	HBA1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide corresponding to Human Hemoglobin alpha aa 50-150. (Uniprot: P69905)

Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000-1:4000

Images

Western Blot: Hemoglobin alpha Antibody (PD00-16) [NBP3-32421] - Western blot analysis of Hemoglobin alpha on rat heart tissue lysates with Rabbit anti-Hemoglobin alpha antibody (NBP3-32421) at 1/2,000 dilution.

Lysates/proteins at 20 ug/Lane.

Predicted band size: 15 kDa
Observed band size: 12 kDa

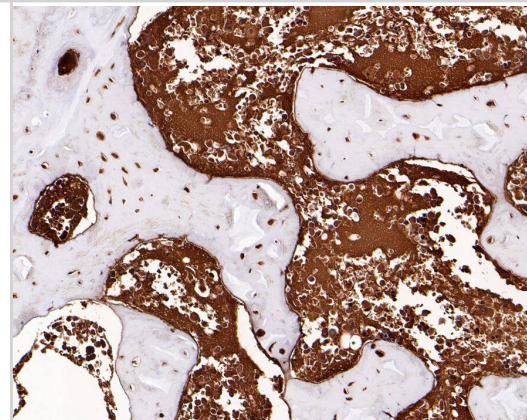
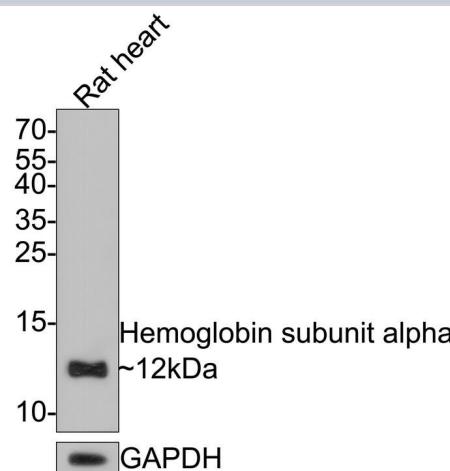
Exposure time: 2 minutes;

15% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32421) at 1/2,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Hemoglobin alpha Antibody (PD00-16) [NBP3-32421] - Immunohistochemical analysis of paraffin-embedded human bone marrow tissue with Rabbit anti-Hemoglobin alpha antibody (NBP3-32421) at 1/4,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody () at 1/4,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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Products Related to NBP3-32421

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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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