# 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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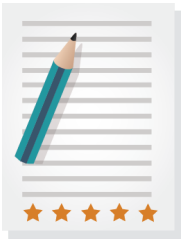


# NBP3-32421

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 | |
|---|---|
| **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.

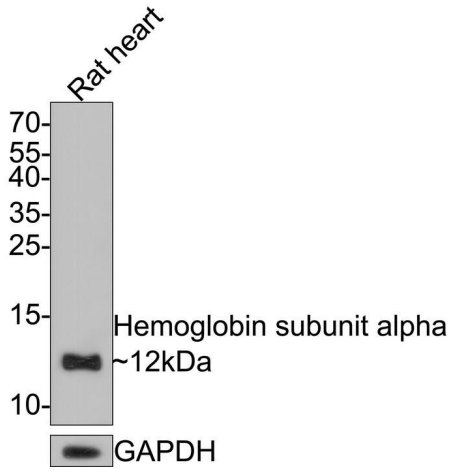
Lysates/proteins at 20 ug/Lane.

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

Exposure time: 2 minutes;

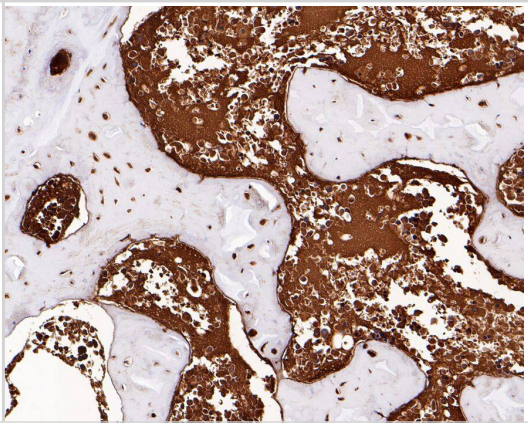
15% SDS-PAGE gel.

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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