

Product Datasheet

Arginase 1/ARG1/liver Arginase Antibody (PD00-05) NBP3-32047

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 8/7/2025 v.20.1

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NBP3-32047

Arginase 1/ARG1/liver Arginase Antibody (PD00-05)

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	PD00-05
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	35 kDa

Product Description	
Host	Rabbit
Gene ID	383
Gene Symbol	ARG1
Species	Human
Immunogen	Synthetic peptide within Human Arginase 1/ARG1/liver Arginase (C terminal) (Uniprot: P05089)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000



Images

Western Blot: Arginase 1/ARG1/liver Arginase Antibody (PD00-05) [NBP3-32047] - Western blot analysis of Arginase 1/ARG1/liver Arginase on human liver tissue lysates with Rabbit anti-Arginase 1/ARG1/liver Arginase antibody (NBP3-32047) at 1/500 dilution.

Lysates/proteins at 20 ug/Lane.

Predicted band size: 35 kDa

Observed band size: 39 kDa

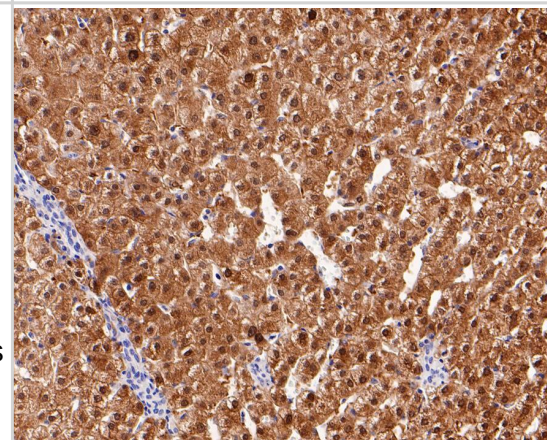
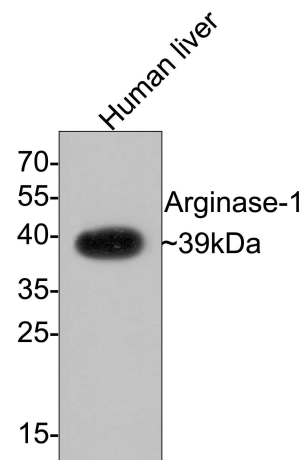
Exposure time: 1 minute;

12% 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 (NBP3-32047) at 1/500 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: Arginase 1/ARG1/liver Arginase Antibody (PD00-05) [NBP3-32047] - Immunohistochemical analysis of paraffin-embedded human liver tissue with Rabbit anti-Arginase 1/ARG1/liver Arginase antibody (NBP3-32047) at 1/1,000 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 (NBP3-32047) at 1/1,000 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 NBP3-32047

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-87490PEP	Arginase 1/ARG1/liver Arginase 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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