

Product Datasheet

Arginase 1/ARG1/liver Arginase Antibody (CL0186) - BSA Free NBP2-14787

Unit Size: 0.1 ml

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

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Updated 2/27/2025 v.20.1

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NBP2-14787

Arginase 1/ARG1/liver Arginase Antibody (CL0186) - BSA Free

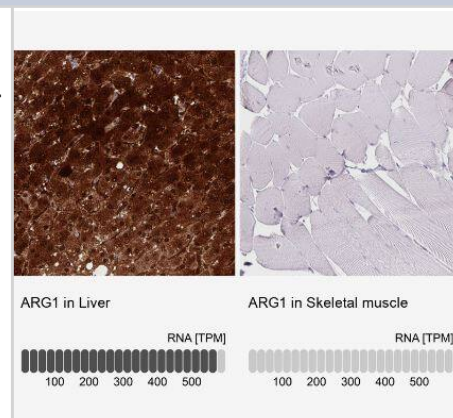
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | CL0186 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

| Product Description | |
|---------------------|---|
| Host | Mouse |
| Gene ID | 383 |
| Gene Symbol | ARG1 |
| Species | Human |
| Reactivity Notes | Expected to cross react based on sequence identity: Rat (81%), Mouse (82%). |
| Immunogen | This antibody was developed using a recombinant protein derived from P05089, with the exact immunogen sequence remaining proprietary. |

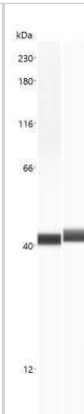
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1 ug/ml, Simple Western 1:20, Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500-1:5000 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in Liver, separated by Size, antibody dilution of 1:20, apparent MW was 42 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue. |

Images

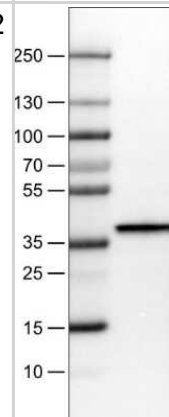
Immunohistochemistry-Paraffin: Arginase 1/ARG1/liver Arginase Antibody (CL0186) [NBP2-14787] -Analysis in human liver and skeletal muscle tissues using NBP2-14787 antibody. Corresponding ARG1 RNA-seq data are presented for the same tissues.



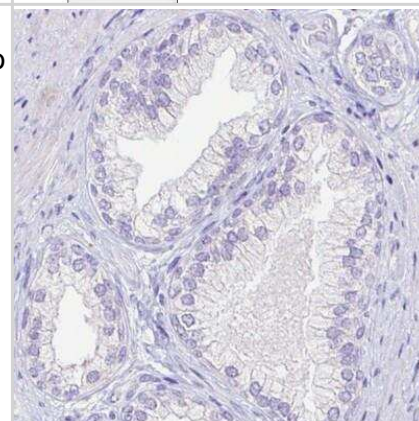
Simple Western: Arginase 1/ARG1/liver Arginase Antibody (CL0186) [NBP2-14787] - Simple Western lane view shows a specific band for ARG1 in human and mouse Liver lysate using ARG1 antibody (NBP2-14787) at 25 ug/ml. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



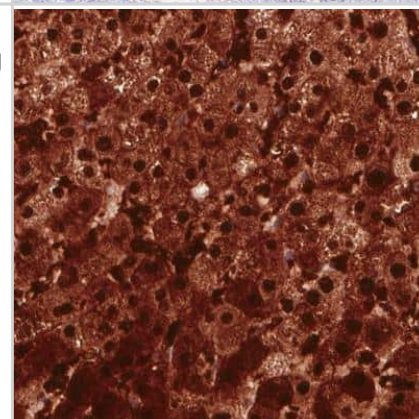
Western Blot: Arginase 1/ARG1/liver Arginase Antibody (CL0186) [NBP2-14787] - Lane 1: Marker [kDa], Lane 2: Human liver tissue lysate



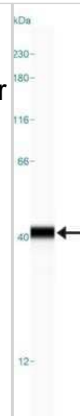
Immunohistochemistry-Paraffin: Arginase 1/ARG1/liver Arginase Antibody (CL0186) [NBP2-14787] - Staining of human prostate shows no immunoreactivity (negative control).



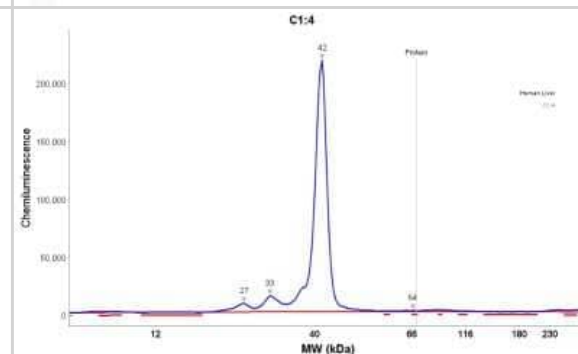
Immunohistochemistry-Paraffin: Arginase 1/ARG1/liver Arginase Antibody (CL0186) [NBP2-14787] - Staining of human liver shows strong nuclear and cytoplasmic positivity in hepatocytes.



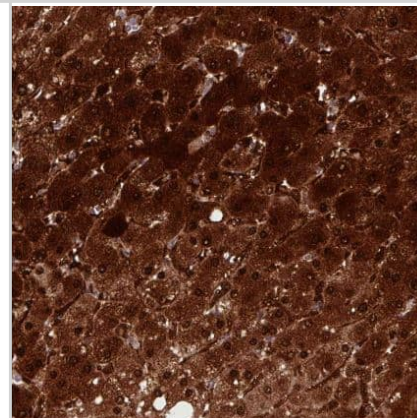
Simple Western: Arginase 1/ARG1/liver Arginase Antibody (CL0186) [NBP2-14787] - Simple Western lane view shows a specific band for ARG1 in 0.2 mg/ml of Liver lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



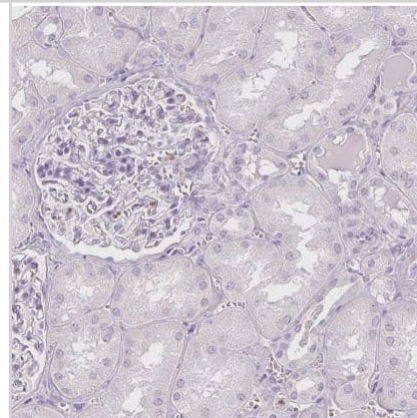
Simple Western: Arginase 1/ARG1/liver Arginase Antibody (CL0186) [NBP2-14787] - Electropherogram image(s) of corresponding Simple Western lane view. Arginase 1/ARG1/liver Arginase antibody was used at 1:20 dilution on Liver lysate(s).



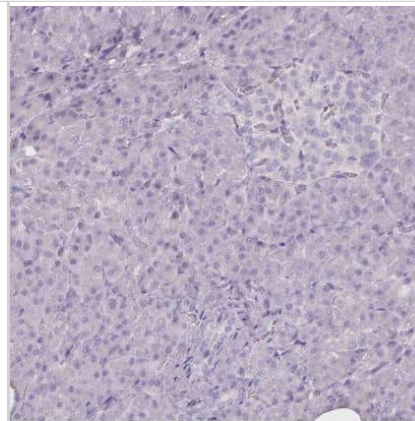
Immunohistochemistry-Paraffin: Arginase 1/ARG1/liver Arginase Antibody (CL0186) [NBP2-14787] -Staining of human liver shows strong cytoplasmic and nuclear positivity in hepatocytes.



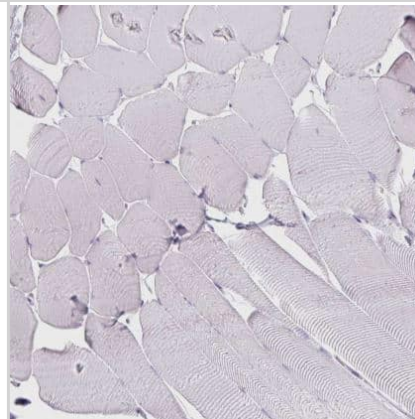
Immunohistochemistry-Paraffin: Arginase 1/ARG1/liver Arginase Antibody (CL0186) [NBP2-14787] -Staining of human kidney shows no positivity in cells in tubules as expected.



Immunohistochemistry-Paraffin: Arginase 1/ARG1/liver Arginase Antibody (CL0186) [NBP2-14787] -Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: Arginase 1/ARG1/liver Arginase Antibody (CL0186) [NBP2-14787] -Staining of human skeletal muscle shows no positivity in myocytes as expected.





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Products Related to NBP2-14787

| | |
|------------------|--|
| NBP2-14787PEP | Arginase 1/ARG1/liver Arginase Recombinant Protein Antigen |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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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