

Product Datasheet

alpha-Methylacyl-CoA Racemase/AMACR Antibody - BSA Free NBP1-87168

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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NBP1-87168

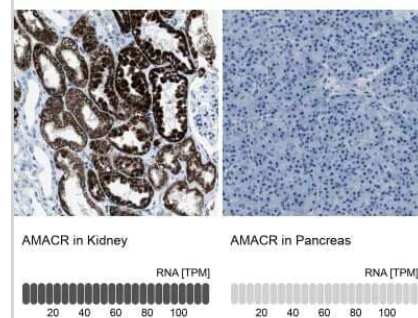
alpha-Methylacyl-CoA Racemase/AMACR Antibody - BSA Free

| 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 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |
| Product Description | |
| Description | Novus Biologicals Rabbit alpha-Methylacyl-CoA Racemase/AMACR Antibody - BSA Free (NBP1-87168) 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 | 23600 |
| Gene Symbol | AMACR |
| Species | Human |
| Reactivity Notes | Immunogen displays the following percentage of sequence identity for non-tested species: Rat (87%) |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: APFYTTYRTADGEFMAVGAIEPQFYELLIKGLGLKSDELPNQMSMDDWPEMKK KFADVFAKKTKAIEWCQIFDGTDACVTPVLTf |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100. |

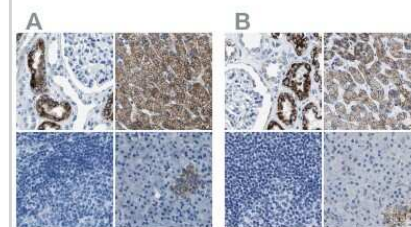


Images

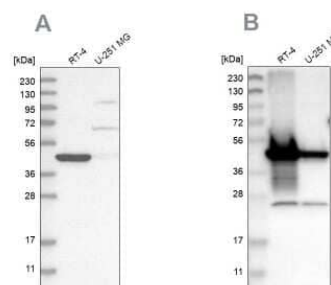
Immunohistochemistry-Paraffin: alpha-Methylacyl-CoA Racemase/AMACR Antibody [NBP1-87168] - Staining in human kidney and pancreas tissues using anti-AMACR antibody. Corresponding AMACR RNA-seq data are presented for the same tissues.



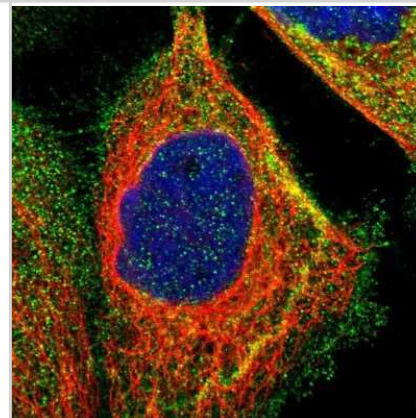
Immunohistochemistry-Paraffin: alpha-Methylacyl-CoA Racemase/AMACR Antibody [NBP1-87168] - Staining of human kidney, liver, lymph node and pancreas using Anti-AMACR antibody NBP1-87168 (A) shows similar protein distribution across tissues to independent antibody NBP1-87169 (B).



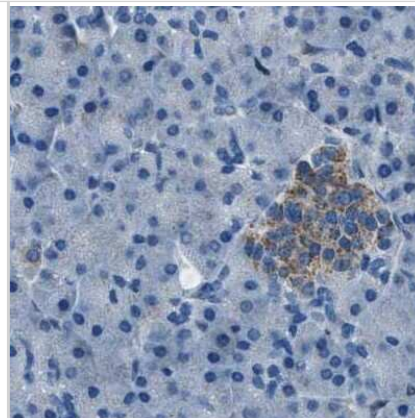
Western Blot: alpha-Methylacyl-CoA Racemase/AMACR Antibody [NBP1-87168] - Analysis using Anti-AMACR antibody NBP1-87168 (A) shows similar pattern to independent antibody NBP1-87169 (B).



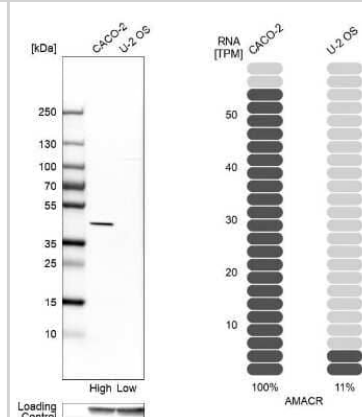
Immunocytochemistry/Immunofluorescence: alpha-Methylacyl-CoA Racemase/AMACR Antibody [NBP1-87168] - Immunofluorescent staining of human cell line A-431 shows localization to plasma membrane & vesicles. Antibody staining is shown in green.



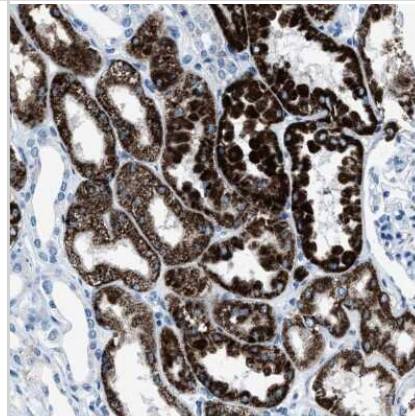
Immunohistochemistry-Paraffin: alpha-Methylacyl-CoA Racemase/AMACR Antibody [NBP1-87168] - Staining of human pancreas using Anti-AMACR antibody NBP1-87168.



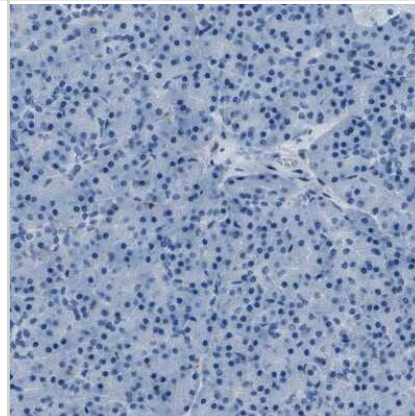
Western Blot: alpha-Methylacyl-CoA Racemase/AMACR Antibody [NBP1-87168] - Analysis in human cell lines Caco-2 and U2OS using anti-AMACR antibody. Corresponding AMACR RNA-seq data are presented for the same cell lines. Loading control: anti-GAPDH.



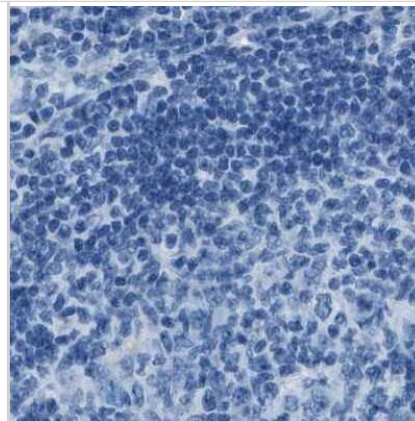
Immunohistochemistry-Paraffin: alpha-Methylacyl-CoA Racemase/AMACR Antibody [NBP1-87168] - Staining of human kidney shows high expression.



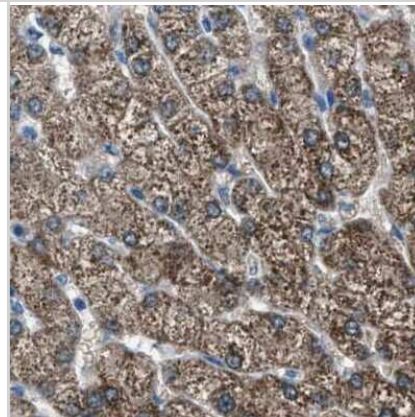
Immunohistochemistry-Paraffin: alpha-Methylacyl-CoA Racemase/AMACR Antibody [NBP1-87168] - Staining of human pancreas shows low expression as expected.



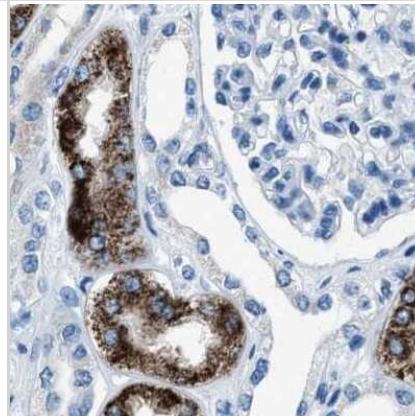
Immunohistochemistry-Paraffin: alpha-Methylacyl-CoA Racemase/AMACR Antibody [NBP1-87168] - Staining of human lymph node.



Immunohistochemistry-Paraffin: alpha-Methylacyl-CoA Racemase/AMACR Antibody [NBP1-87168] - Staining of human liver.



Immunohistochemistry-Paraffin: alpha-Methylacyl-CoA Racemase/AMACR Antibody [NBP1-87168] - Staining of human kidney using Anti-AMACR antibody NBP1-87168.





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Products Related to NBP1-87168

| | |
|---------------|---|
| NBP1-87168PEP | alpha-Methylacyl-CoA Racemase/AMACR Recombinant Protein Antigen |
| 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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