

Product Datasheet

Aminoacylase/ACY1 Antibody (15G2-R) NBP3-32000

Unit Size: 100 ul

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

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NBP3-32000**Aminoacylase/ACY1 Antibody (15G2-R)**

| 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 | 15G2-R |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | PBS (pH7.4), 0.1% BSA and 40% Glycerol |
| Target Molecular Weight | 46 kDa |

| Product Description | |
|----------------------------|--|
| Description | Novus Biologicals Mouse Aminoacylase/ACY1 Antibody (15G2-R) (NBP3-32000) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 95 |
| Gene Symbol | ACY1 |
| Species | Human, Mouse, Rat |
| Immunogen | Recombinant protein within Human Aminoacylase/ACY1 aa 55-256 / 408. (Uniprot: Q03154) |

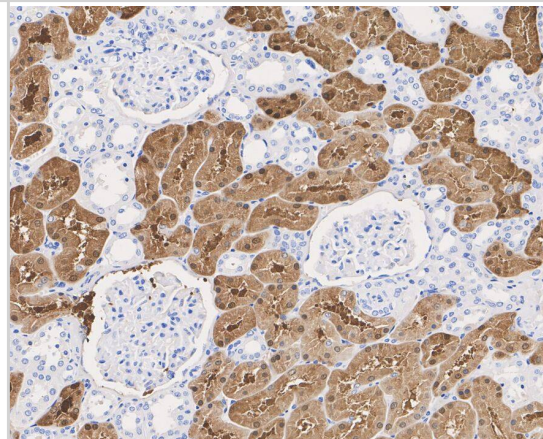
| Product Application Details | |
|------------------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:2000 |



Images

Immunohistochemistry: Aminoacylase/ACY1 Antibody (15G2-R) [NBP3-32000] - Immunohistochemical analysis of paraffin-embedded human kidney tissue with Mouse anti-Aminoacylase/ACY1 antibody (NBP3-32000) at 1/2,000 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 (NBP3-32000) at 1/2,000 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.



Western Blot: Aminoacylase/ACY1 Antibody (15G2-R) [NBP3-32000] - Western blot analysis of Aminoacylase/ACY1 on different lysates with Mouse anti-Aminoacylase/ACY1 antibody (NBP3-32000) at 1/1,000 dilution.

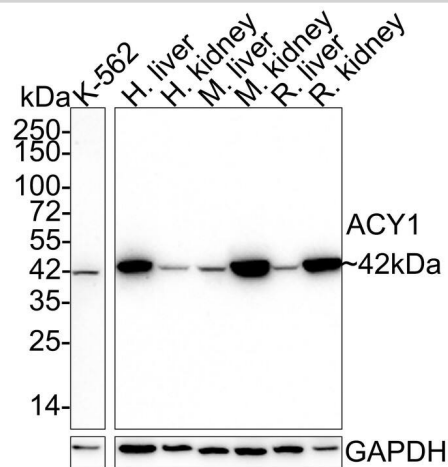
Lane 1: K-562 cell lysate (20 ug/Lane)
 Lane 2: Human liver tissue lysate (40 ug/Lane)
 Lane 3: Human kidney tissue lysate (40 ug/Lane)
 Lane 4: Mouse liver tissue lysate (40 ug/Lane)
 Lane 5: Mouse kidney tissue lysate (40 ug/Lane)
 Lane 6: Rat liver tissue lysate (40 ug/Lane)
 Lane 7: Rat kidney tissue lysate (40 ug/Lane)

Predicted band size: 46 kDa
 Observed band size: 42 kDa

Exposure time: 3 minutes;

4-20% 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 (NBP3-32000) at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





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Products Related to NBP3-32000

| | |
|------------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| 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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