

# Product Datasheet

## Adenylosuccinate Lyase Antibody (007) - Azide and BSA Free NBP2-89878-100ul

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 2/26/2025 v.20.1

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**NBP2-89878-100ul**

Adenylosuccinate Lyase Antibody (007) - Azide and BSA Free

| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 100 ul                                                                                      |
| Concentration       | Please see the 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               | 007                                                                                         |
| Preservative        | No Preservative                                                                             |
| Isotype             | IgG                                                                                         |
| Purity              | Protein A purified                                                                          |
| Buffer              | 0.2 um filtered solution in PBS                                                             |

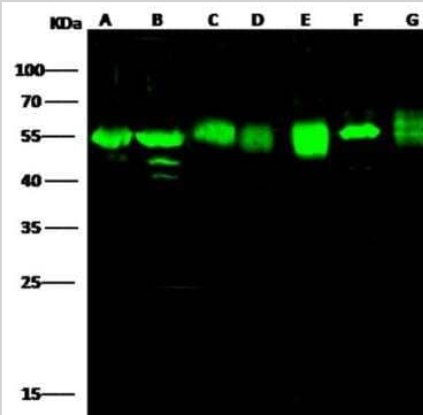
| Product Description |                                                                                                                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles. |
| Host                | Rabbit                                                                                                                                                                                                                      |
| Gene ID             | 158                                                                                                                                                                                                                         |
| Gene Symbol         | ADSL                                                                                                                                                                                                                        |
| Species             | Human                                                                                                                                                                                                                       |
| Immunogen           | This antibody was obtained from a rabbit immunized with purified, recombinant Human Adenylosuccinate Lyase (Uniprot#: P30566-1; Met1-Leu484).                                                                               |

| Product Application Details |                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation                                             |
| Recommended Dilutions       | Western Blot 1:500-1:2000, Immunocytochemistry/ Immunofluorescence 1:20-1:100, Immunoprecipitation 1-4 uL/mg of lysate |

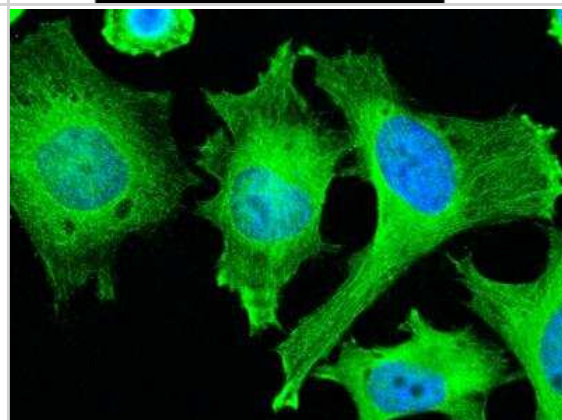


## Images

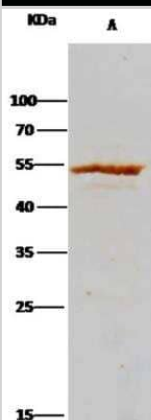
Western Blot: Adenylosuccinate Lyase Antibody (007) [NBP2-89878] - Lane A: HepG2 Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lane C: Hela Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size:55 kDa Observed band size:55 kDa



Immunocytochemistry/Immunofluorescence: Adenylosuccinate Lyase Antibody (007) [NBP2-89878] - Staining of ADSL in HepG2 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human ADSL monoclonal antibody (1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor(R) 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).



Immunoprecipitation: Adenylosuccinate Lyase Antibody (007) [NBP2-89878] - Lane A:0.5 mg HepG2 Whole Cell Lysate 2 uL anti-ADSL rabbit monoclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-ADSL rabbit monoclonal antibody, at 1:200 dilution Secondary antibody: Clean-Bloto IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the DAB staining technique. Performed under reducing conditions. Predicted band size: 50 kDa Observed band size: 50 kDa





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### **Products Related to NBP2-89878-100ul**

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|                  |                                                      |
|------------------|------------------------------------------------------|
| HAF008           | Goat anti-Rabbit IgG Secondary Antibody [HRP]        |
| NB7160           | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]  |
| NBP2-24891       | Rabbit IgG Isotype Control                           |
| NBP1-72514-100ug | Recombinant Human Adenylosuccinate Lyase His Protein |

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### **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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