

# Product Datasheet

## ALDH7A1 Antibody (105) - Azide and BSA Free NBP2-89927-100ul

Unit Size: 100 ul

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

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**NBP2-89927-100ul**

ALDH7A1 Antibody (105) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	105
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	0.2 um filtered solution in PBS

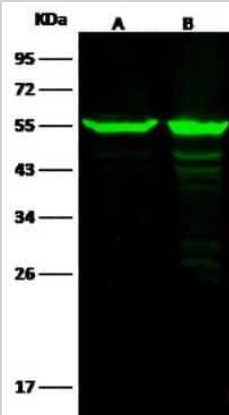
<b>Product Description</b>	
<b>Description</b>	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
<b>Host</b>	Rabbit
<b>Gene ID</b>	501
<b>Gene Symbol</b>	ALDH7A1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Human ALDH7A1 (Uniprot#: P49419-2; Ser 2-Gln 511).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:5000, ELISA 1:5000-1:10000, Immunoprecipitation 1-4 uL/mg of lysate

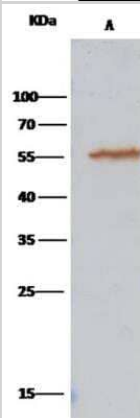


## Images

Western Blot: ALDH7A1 Antibody (105) [NBP2-89927] - Lane A: HeLa Whole Cell Lysate Lane B: HepG2 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:58 kDa Observed band size:58 kDa



Immunoprecipitation: ALDH7A1 Antibody (105) [NBP2-89927] - Lane A:0.5 mg HeLa Whole Cell Lysate 2 uL anti-ALDH7A1 rabbit monoclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-ALDH7A1 rabbit monoclonal antibody,at 1:100 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: 55 kDa Observed band size: 55 kDa





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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
H00000501-P01-10ug	Recombinant Human ALDH7A1 GST (N-Term) 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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