

# Product Datasheet

## ALDH4A1 Antibody - BSA Free NBP1-54739

Unit Size: 100ul

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

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**NBP1-54739**

ALDH4A1 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, 2% Sucrose
<b>Target Molecular Weight</b>	24 kDa
<b>Product Description</b>	
<b>Description</b>	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
<b>Host</b>	Rabbit
<b>Gene ID</b>	8659
<b>Gene Symbol</b>	ALDH4A1
<b>Species</b>	Human
<b>Immunogen</b>	Synthetic peptides corresponding to ALDH4A1(aldehyde dehydrogenase 4 family, member A1) The peptide sequence was selected from the N terminal of ALDH4A1. Peptide sequence QGKTVIQAEIDAAAELIDFFRFNAKYAVELEGQQPISVPPSTNSTVYRGL. The peptide sequence for this immunogen was taken from within the described region.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500

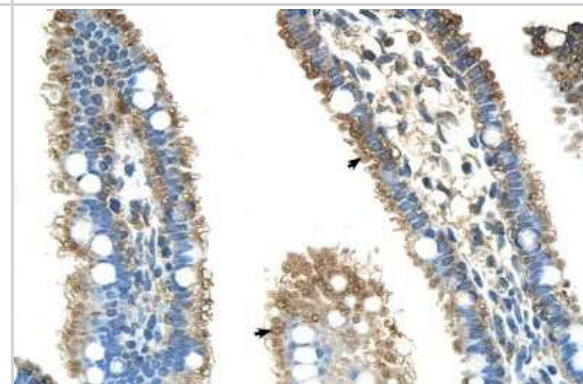
## Images

Western Blot: ALDH4A1 Antibody [NBP1-54739] - Titration: 2.5ug/ml  
Positive Control: HepG2 cell lysate.

70 kDa  
60 kDa  
48 kDa  
36 kDa



Immunohistochemistry-Paraffin: ALDH4A1 Antibody [NBP1-54739] -  
Human Intestine Tissue, antibody concentration 4-8ug/ml. Cells with  
positive label: Epithelial cells of intestinal villus (indicated with arrows)  
400X magnification.





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### **Products Related to NBP1-54739**

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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
H00008659-P01-10ug	Recombinant Human ALDH4A1 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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