

# Product Datasheet

## Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody NBP2-55797

Unit Size: 100 ul

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

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**NBP2-55797****Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody**

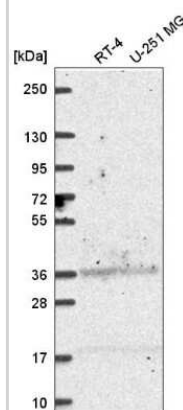
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	218
Gene Symbol	ALDH3A1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: LHKNEWNAYYEEVVYVLEEIEYMIQKLPEWAADEPVEKTPQTQQDELYIHSEPL

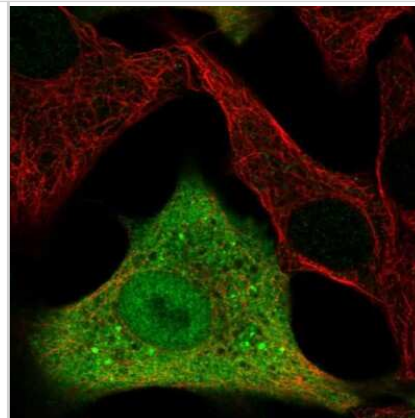
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

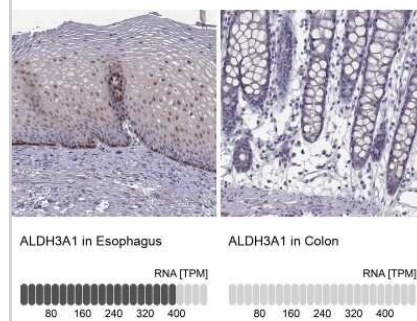
Western Blot: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-55797] - Western blot analysis in human cell line RT-4 and human cell line U-251 MG.



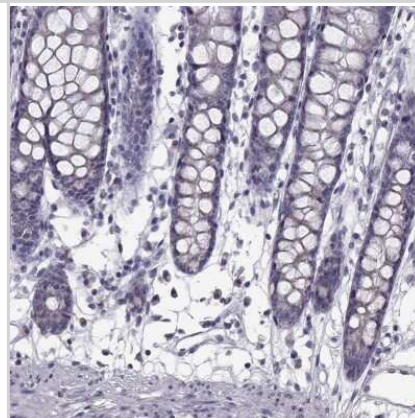
Immunocytochemistry/Immunofluorescence: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-55797] - Staining of human cell line A549 shows localization to nucleoplasm, cytosol & vesicles.



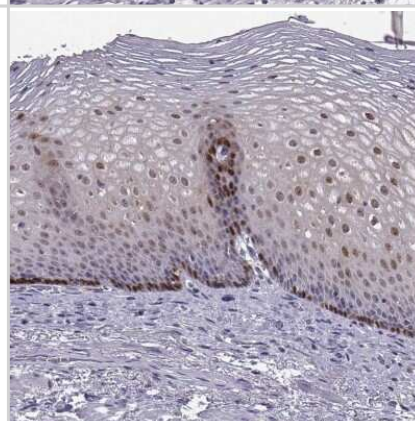
Immunohistochemistry-Paraffin: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-55797] - Staining in human esophagus and colon tissues using anti-ALDH3A1 antibody. Corresponding ALDH3A1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-55797] - Staining of human colon shows low expression as expected.



Immunohistochemistry-Paraffin: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP2-55797] - Staining of human esophagus shows high expression.





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### **Products Related to NBP2-55797**

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NBP2-55797PEP	Aldehyde Dehydrogenase 3-A1/ALDH3A1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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