

# Product Datasheet

## Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (ALDH1A1/1381) NBP2-53248-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP2-53248-100ug**

Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (ALDH1A1/1381)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	ALDH1A1/1381
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	56 kDa

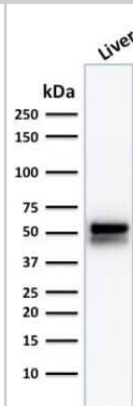
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-54422)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	216
Gene Symbol	ALDH1A1
Species	Human
Immunogen	Recombinant fragment (around aa 315-434) of human Aldehyde Dehydrogenase 1-A1/ALDH1A1 protein (exact sequence is proprietary). (Uniprot: P00352)

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

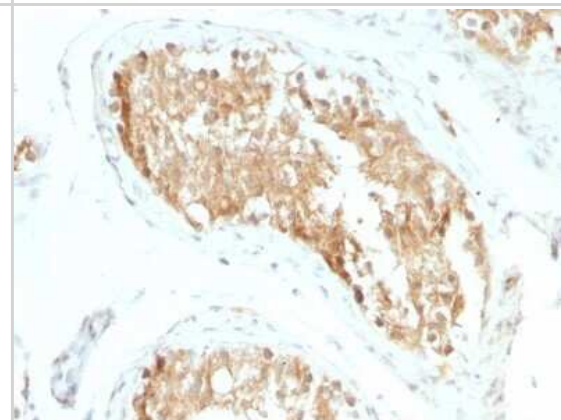


## Images

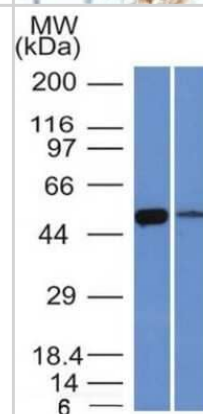
Western Blot: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (ALDH1A1/1381) [NBP2-53248] - Western Blot Analysis of human Liver tissue lysate using Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (ALDH1A1/1381).



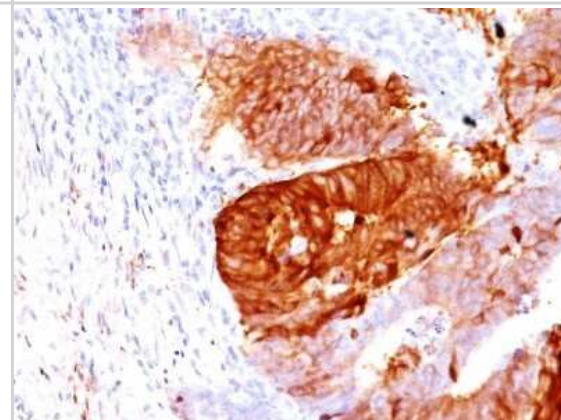
Immunohistochemistry-Paraffin: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (ALDH1A1/1381) [NBP2-53248] - Formalin-fixed, paraffin-embedded Human Testicular Carcinoma stained with ALDH1A1 Monoclonal Antibody (ALDH1A1/1381).



Western Blot: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (ALDH1A1/1381) [NBP2-53248] - Western Blot of K562 and Lung lysate Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (ALDH1A1/1381).



Immunohistochemistry-Paraffin: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (ALDH1A1/1381) [NBP2-53248] - Formalin-fixed, paraffin-embedded Human Colon Carcinoma stained with ALDH1A1 Monoclonal Antibody (ALDH1A1/1381).



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**Products Related to NBP2-53248-100ug**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-89152PEP	Aldehyde Dehydrogenase 1-A1/ALDH1A1 Recombinant Protein Antigen

**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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