

# Product Datasheet

## ALDH1L1 Antibody (6H10Y3)

### NBP3-16658-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16658-100ul**

ALDH1L1 Antibody (6H10Y3)

**Product Information**

<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 -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6H10Y3
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	99 kDa

**Product Description**

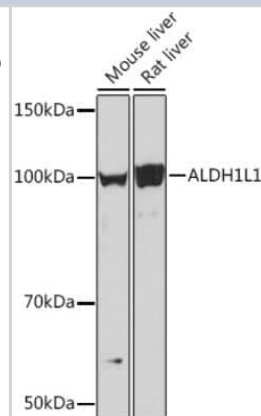
<b>Host</b>	Rabbit
<b>Gene ID</b>	10840
<b>Gene Symbol</b>	ALDH1L1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 180-300 of human ALDH1L1 (O75891). VRLIAEGKAPRLPQPEEGATYEGIQKKETAKINWDQPAAEIHNWIRGNDKVPGA WTEACEQKLTFNNTSLNTSGLVPEGDALPIPGAHRPGVVTKAGLILFGNDDKML LVKNIQLEDGKMI

**Product Application Details**

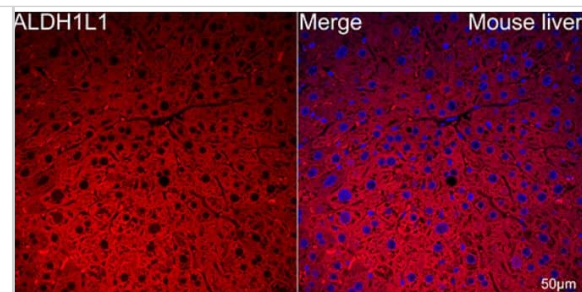
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

**Images**

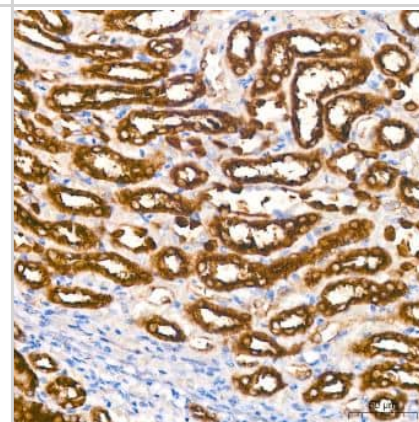
Western Blot: ALDH1L1 Antibody (6H10Y3) [NBP3-16658] - Western blot analysis of extracts of various cell lines, using ALDH1L1 Rabbit mAb (NBP3-16658) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



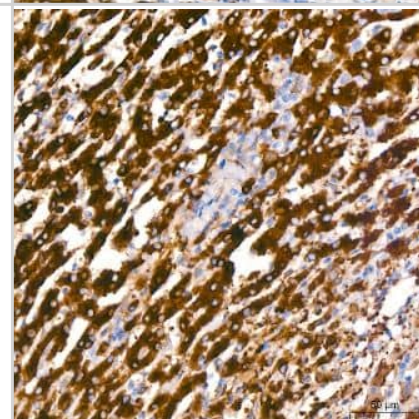
Immunohistochemistry: ALDH1L1 Antibody (6H10Y3) [NBP3-16658] - Confocal imaging of Mouse liver using ALDH1L1 Rabbit mAb (dilution 1:100)(Red). DAPI was used for nuclear staining (blue). Objective: 60x



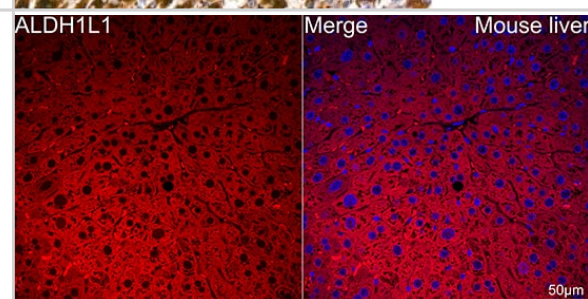
Immunohistochemistry-Paraffin: ALDH1L1 Antibody (6H10Y3) [NBP3-16658] -Rat kidney using ALDH1L1 Rabbit mAb at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



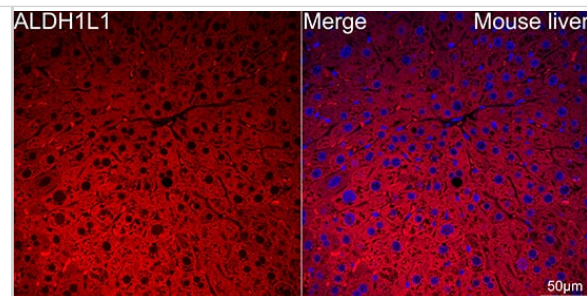
Immunohistochemistry-Paraffin: ALDH1L1 Antibody (6H10Y3) [NBP3-16658] -Human liver using ALDH1L1 Rabbit mAb at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence: ALDH1L1 Antibody (6H10Y3) [NBP3-16658] - Confocal imaging of Mouse liver using ALDH1L1 Rabbit mAb. DAPI was used for nuclear staining (blue). Objective: 60x.



Immunocytochemistry/ Immunofluorescence: ALDH1L1 Antibody (6H10Y3) [ALDH1L1] - Confocal imaging of Mouse liver using ALDH1L1 Rabbit mAb . DAPI was used for nuclear staining (blue). Objective: 60x.





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### **Products Related to NBP3-16658-100ul**

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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
H00010840-Q01-10ug	Recombinant Human ALDH1L1 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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