

# Product Datasheet

## ALDH1A3 Antibody (CL11968)

### NBP3-15126-100ul

Unit Size: 100 ul

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

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Updated 2/27/2025 v.20.1

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**NBP3-15126-100ul**

ALDH1A3 Antibody (CL11968)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See 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>	CL11968
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2), 40% glycerol

**Product Description**

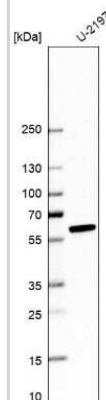
<b>Host</b>	Mouse
<b>Gene ID</b>	220
<b>Gene Symbol</b>	ALDH1A3
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a synthetic peptide derived from P47895, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

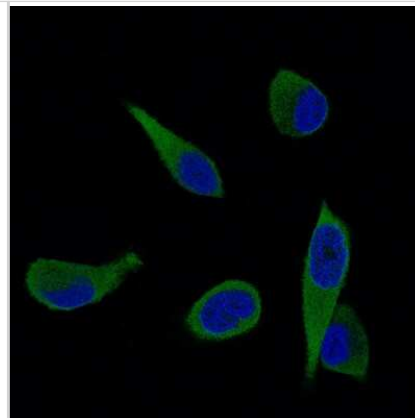
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

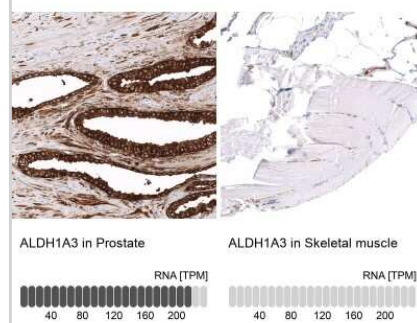
Western Blot: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Analysis in human cell line U-2197.



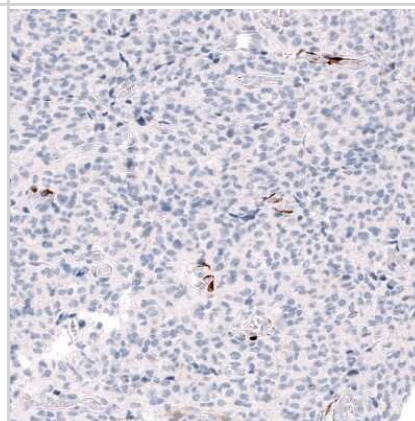
Immunocytochemistry/Immunofluorescence: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Staining of PC-3 cells using the Anti-ALDH1A3 monoclonal antibody, showing specific staining in cytosol in green. Nuclear probe is visualized in blue.



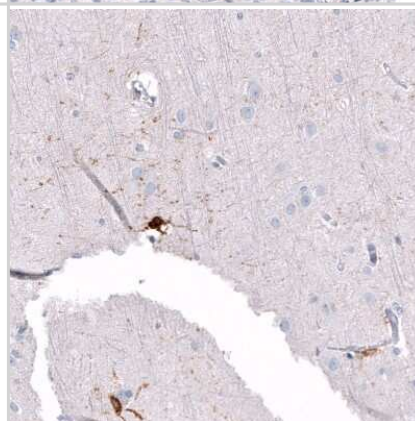
Immunohistochemistry-Paraffin: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Analysis in human prostate and skeletal muscle tissues using NBP3-15126 antibody. Corresponding ALDH1A3 RNA-seq data are presented for the same tissues.



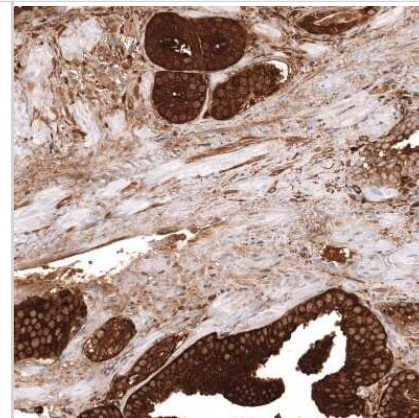
Immunohistochemistry-Paraffin: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Staining of human anaplastic oligodendroglioma shows strong cytoplasmic positivity in a subset of cells.



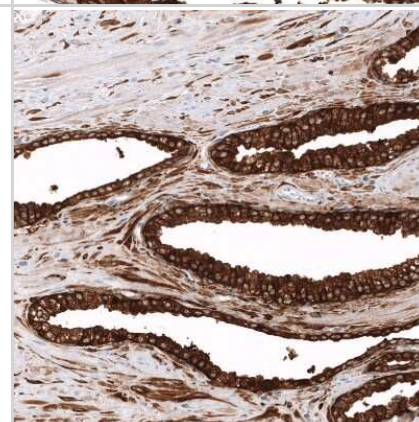
Immunohistochemistry-Paraffin: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Staining of human cerebral cortex shows strong cytoplasmic positivity in glial cells.



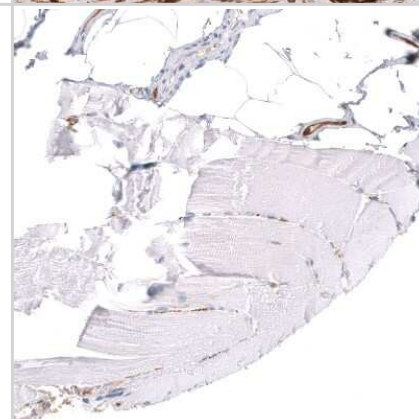
Immunohistochemistry-Paraffin: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Staining of human prostate cancer shows strong cytoplasmic positivity in tumor cells.



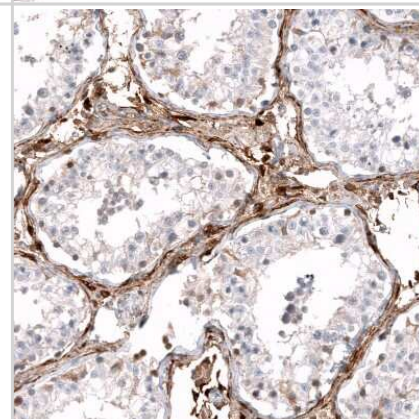
Immunohistochemistry-Paraffin: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Staining of human prostate shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Staining of human testis shows moderate to strong cytoplasmic positivity in peritubular myoid cells.





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### **Products Related to NBP3-15126-100ul**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-56464PEP	ALDH1A3 Recombinant Protein Antigen

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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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