

# Product Datasheet

## ALDH1A3 Antibody (CL11968) - BSA Free 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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**NBP3-15126-100ul**

ALDH1A3 Antibody (CL11968) - BSA Free

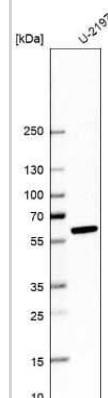
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL11968
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse ALDH1A3 Antibody (CL11968) - BSA Free (NBP3-15126) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	220
Gene Symbol	ALDH1A3
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P47895, with the exact immunogen sequence remaining proprietary.

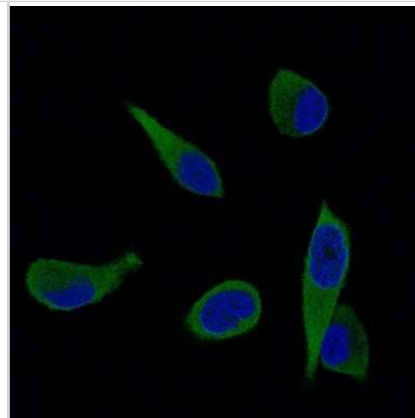
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin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

**Images**

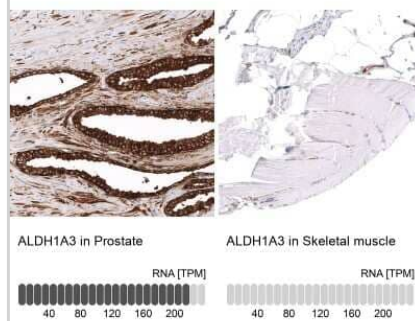
Western Blot: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Analysis in human cell line U-2197.



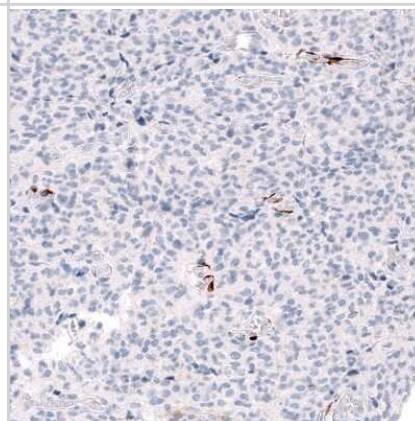
Immunocytochemistry/Immunofluorescence: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Staining of PC-3 cells using the Anti-ALDH1A3 monoclonal antibody, showing specific staining in cytosol in green. Nuclear probe is visualized in blue.



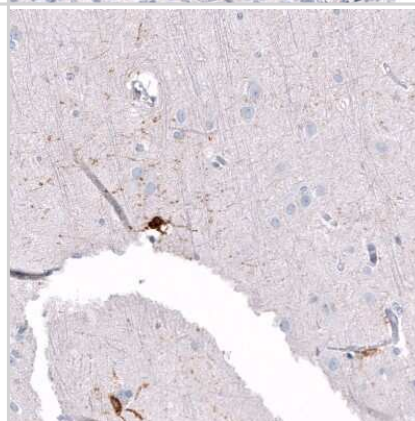
Immunohistochemistry-Paraffin: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Analysis in human prostate and skeletal muscle tissues using NBP3-15126 antibody. Corresponding ALDH1A3 RNA-seq data are presented for the same tissues.



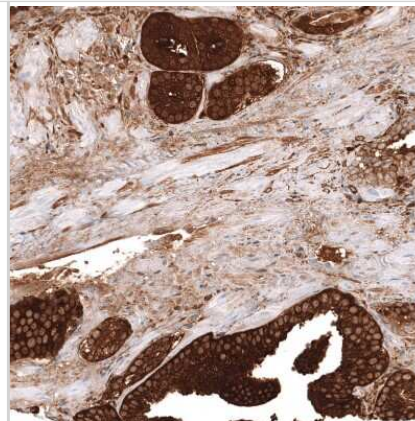
Immunohistochemistry-Paraffin: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Staining of human anaplastic oligodendroglioma shows strong cytoplasmic positivity in a subset of cells.



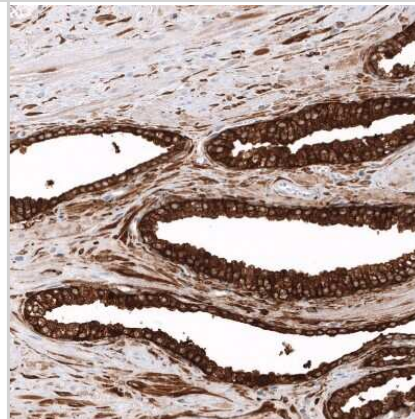
Immunohistochemistry-Paraffin: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Staining of human cerebral cortex shows strong cytoplasmic positivity in glial cells.



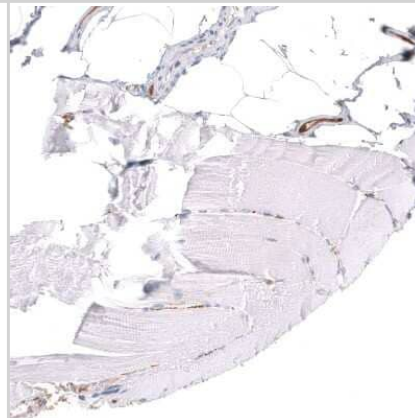
Immunohistochemistry-Paraffin: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Staining of human prostate cancer shows strong cytoplasmic positivity in tumor cells.



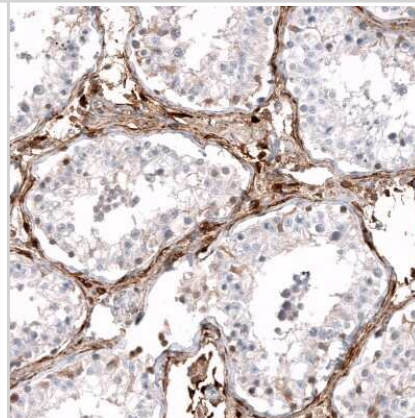
Immunohistochemistry-Paraffin: ALDH1A3 Antibody (CL11968) [NBP3-15126] - Staining of human prostate shows strong cytoplasmic positivity in glandular cells.



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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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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