

# Product Datasheet

## Aldehyde dehydrogenase 5 Antibody - BSA Free NBP3-17798-100ul

Unit Size: 100 ul

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

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**NBP3-17798-100ul****Aldehyde dehydrogenase 5 Antibody - BSA Free**

| <b>Product Information</b> |                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| <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>           | Polyclonal                                                                                                       |
| <b>Preservative</b>        | 0.02% Sodium Azide                                                                                               |
| <b>Isotype</b>             | IgG                                                                                                              |
| <b>Purity</b>              | Affinity purified                                                                                                |
| <b>Buffer</b>              | PBS, pH 7.2, 40% glycerol                                                                                        |

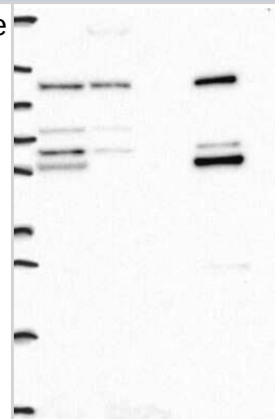
| <b>Product Description</b> |                                                                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Novus Biologicals Rabbit Aldehyde dehydrogenase 5 Antibody - BSA Free (NBP3-17798) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Rabbit                                                                                                                                                                                                                   |
| <b>Gene ID</b>             | 219                                                                                                                                                                                                                      |
| <b>Gene Symbol</b>         | ALDH1B1                                                                                                                                                                                                                  |
| <b>Species</b>             | Human                                                                                                                                                                                                                    |
| <b>Immunogen</b>           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>ESIYNEFLERTVEKAKQRKVGPNPFELDTQQGPQVDKEQFERVLGYIQLGQK                                                                            |

| <b>Product Application Details</b> |                                                                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                        |
| <b>Recommended Dilutions</b>       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| <b>Application Notes</b>           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence, PFA/Triton X-100 is recommended for fixation/permeabilization.     |

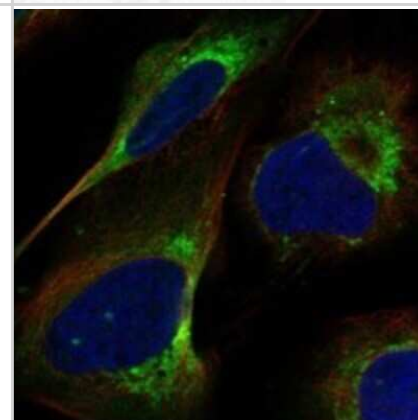


## Images

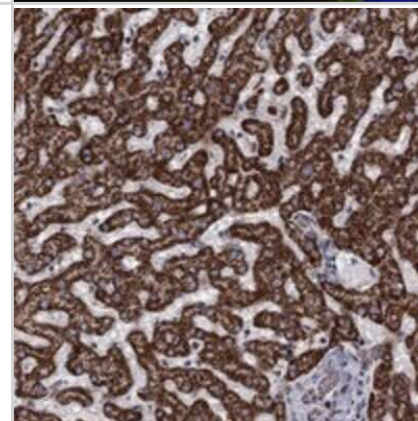
Western Blot: Aldehyde dehydrogenase 5 Antibody [NBP3-17798] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10; Lane 2: RT4; Lane 3: U-251 MG; Lane 4: Human Plasma; Lane 5: Liver; Lane 6: Tonsil



Immunocytochemistry/Immunofluorescence: Aldehyde dehydrogenase 5 Antibody [NBP3-17798] - Staining of human cell line U-2 OS shows localization to mitochondria.



Immunohistochemistry-Paraffin: Aldehyde dehydrogenase 5 Antibody [NBP3-17798] - Staining of human liver shows strong cytoplasmic positivity with a granular pattern in hepatocytes.



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**Products Related to NBP3-17798-100ul**

|                    |                                                                 |
|--------------------|-----------------------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]                   |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]             |
| NBP2-24891         | Rabbit IgG Isotype Control                                      |
| H00000219-P01-10ug | Recombinant Human Aldehyde dehydrogenase 5 GST (N-Term) Protein |

**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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