

# Product Datasheet

## Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody NBP2-15334

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-15334****Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody**

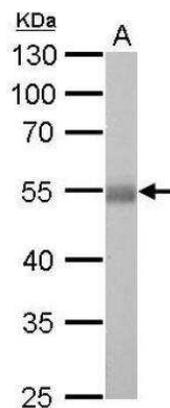
| <b>Product Information</b>     |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 0.1 ml   |
| <b>Concentration</b>           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>                 | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.   |
| <b>Clonality</b>               | Polyclonal   |
| <b>Preservative</b>            | 0.01% Thimerosal   |
| <b>Isotype</b>                 | IgG  |
| <b>Purity</b>                  | Antigen Affinity-purified  |
| <b>Buffer</b>                  | PBS (pH 7), 20% Glycerol, 1% BSA   |
| <b>Target Molecular Weight</b> | 55 kDa   |

| <b>Product Description</b> |   |
|----------------------------|---|
| <b>Host</b>                | Rabbit  |
| <b>Gene ID</b>             | 216   |
| <b>Gene Symbol</b>         | ALDH1A1   |
| <b>Species</b>             | Human, Mouse, Rat, Feline   |
| <b>Reactivity Notes</b>    | Xenopus laevis (81%), Chicken (86%).  |
| <b>Marker</b>              | Astrocyte Marker  |
| <b>Immunogen</b>           | Recombinant protein encompassing a sequence within the center region of human Aldehyde Dehydrogenase 1-A1/ALDH1A1. The exact sequence is proprietary. |

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| <b>Recommended Dilutions</b>       | Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000 |

**Images**

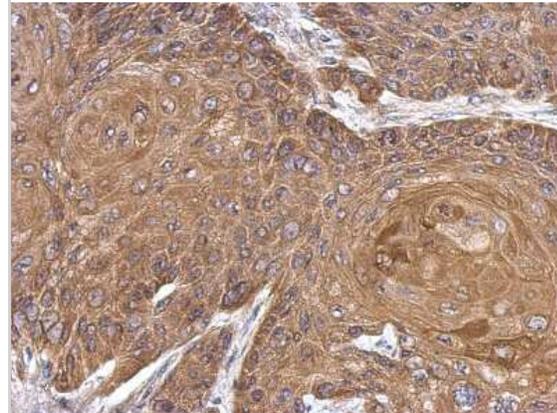
Western Blot: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody [NBP2-15334] - A. 50 ug rat liver lysate/extract 10 % SDS-PAGE ALDH1A1 antibody dilution: 1:5000



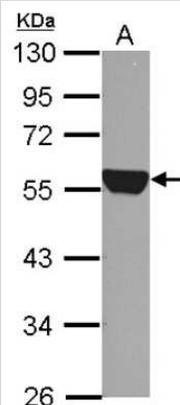
Immunocytochemistry/Immunofluorescence: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody [NBP2-15334] - Analysis of methanol-fixed A549, using antibody at 1:500 dilution.



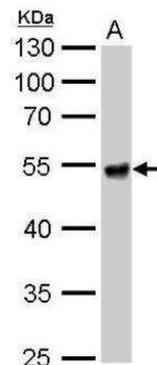
Immunohistochemistry-Paraffin: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody [NBP2-15334] - Cal27 xenograft, using ALDH1A1 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



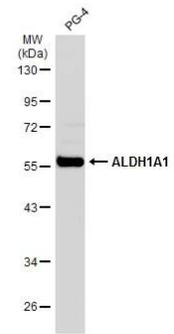
Western Blot: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody [NBP2-15334] - Sample (30 ug of whole cell lysate) A: A549 10% SDS PAGE; antibody diluted at 1:5000.



Western Blot: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody [NBP2-15334] - A. 50 ug mouse liver lysate/extract 10 % SDS-PAGE ALDH1A1 antibody dilution: 1:1000



Western Blot: Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody [NBP2-15334] - PG-4 whole cell extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Aldehyde Dehydrogenase 1-A1/ALDH1A1 antibody (NBP2-15334) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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### **Products Related to NBP2-15334**

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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                                      |
| NBP1-89152PEP | Aldehyde Dehydrogenase 1-A1/ALDH1A1 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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