

Product Datasheet

Aldo-keto Reductase 1C3/AKR1C3 Antibody NB100-1940

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-1940

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-1940



NB100-1940**Aldo-keto Reductase 1C3/AKR1C3 Antibody**

| Product Information | |
|--------------------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |
| Target Molecular Weight | 37 kDa |

| Product Description | |
|----------------------------|--|
| Host | Goat |
| Gene ID | 8644 |
| Gene Symbol | AKR1C3 |
| Species | Human |
| Immunogen | Peptide with sequence CFASHPNYPYSDEY corresponding to C-Terminus according to NP_003730.4. |

| Product Application Details | |
|------------------------------------|---|
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA |
| Recommended Dilutions | Western Blot 0.01 - 0.1 ug/mL, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:32000 |
| Application Notes | WB: Approx. 35 kDa band observed in human liver and human breast lysates (calculated MW of 36.9 kDa band according to NP_003730). |

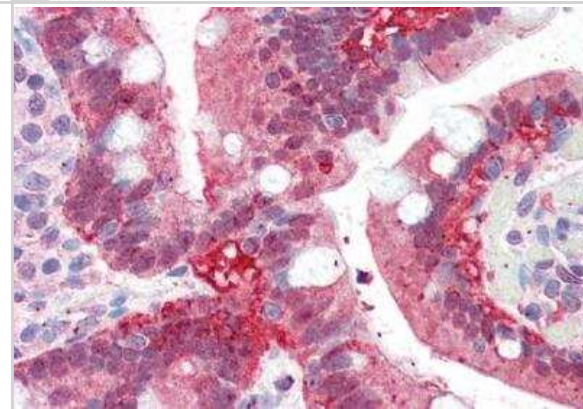


Images

Western Blot: Aldo-keto Reductase 1C3/AKR1C3 Antibody [NB100-1940] - Staining of human breast cells lysate (35 ug protein in RIPA buffer). Antibody at 0.03 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

Immunohistochemistry-Paraffin: Aldo-keto Reductase 1C3/AKR1C3 Antibody [NB100-1940] - Staining of paraffin embedded human small intestine. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Iczkowski KA, Qiu J, Qian J et al. The dual 5-alpha-reductase inhibitor dutasteride induces atrophic changes and decreases relative cancer volume in human prostate. *Urology* 2005-01-01 [PMID: 15667867]

Werner R, Kulle A, Sommerfeld I et al. Testosterone synthesis in patients with 17beta-hydroxysteroid dehydrogenase 3 deficiency. *Sex Dev* 2012-01-01 [PMID: 22398356]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-1940

| | |
|-----------------|--|
| NB820-59203 | Human Breast Whole Tissue Lysate (Adult Whole Normal) |
| HAF017 | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109 | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-1940

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications



