

# 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](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

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

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

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat Aldo-keto Reductase 1C3/AKR1C3 Antibody (NB100-1940) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Aldo-keto Reductase 1C3/AKR1C3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	8644
<b>Gene Symbol</b>	AKR1C3
<b>Species</b>	Human
<b>Immunogen</b>	Peptide with sequence CFASHPNYPYSDEY corresponding to C-Terminus according to NP_003730.4.

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

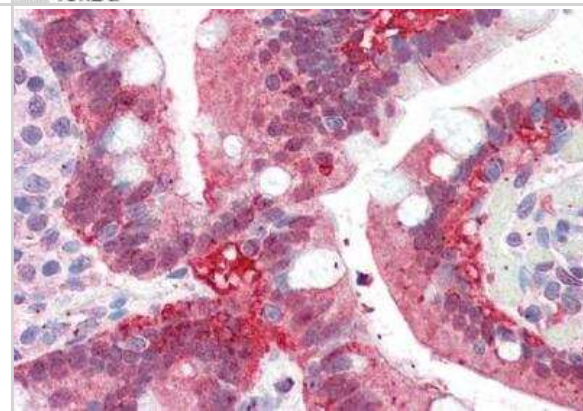


## Images

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](http://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**

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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

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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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