

# Product Datasheet

## Aldo-keto Reductase 1C4/AKR1C4 Antibody NB100-40786

Unit Size: 0.1 mg

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

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**NB100-40786****Aldo-keto Reductase 1C4/AKR1C4 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

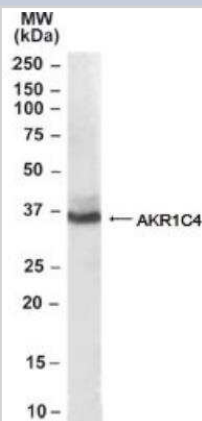
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat Aldo-keto Reductase 1C4/AKR1C4 Antibody (NB100-40786) is a polyclonal antibody validated for use in IHC, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	1109
<b>Gene Symbol</b>	AKR1C4
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody may cross-react with AKR1C1
<b>Immunogen</b>	Peptide with sequence DPKYQRVELNDGH-C corresponding to N-Terminus according to NP_001809.2.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 2 - 4 ug/ml, Immunohistochemistry-Paraffin 2 - 4 ug/ml, Peptide ELISA Detection limit 1:4000
<b>Application Notes</b>	WB: Approx. 35 kDa band observed in human liver lysates (calculated MW of 37.1 kDa band according to NP_001809.2). IHC-P: Human liver shows staining of distinct structures in the cytoplasm of hepatocytes.

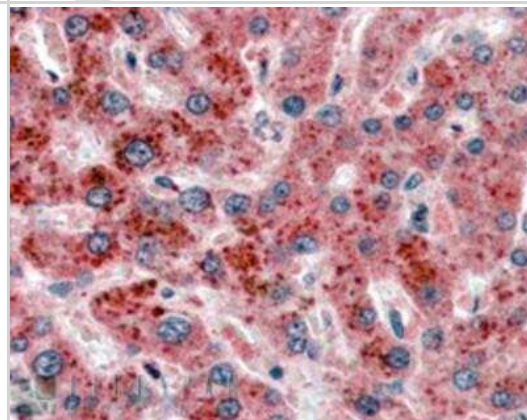


## Images

Western Blot: Aldo-keto Reductase 1C4/AKR1C4 Antibody [NB100-40786] - Analysis of Human Liver lysate (35ug protein in RIPA buffer). at 0.1ug/ml.



Immunohistochemistry-Paraffin: Aldo-keto Reductase 1C4/AKR1C4 Antibody [NB100-40786] - (2.5ug/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: Aldo-keto Reductase 1C4/AKR1C4 Antibody [NB100-40786] - (0.1ug/ml) staining of human liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.





### **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 NB100-40786**

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NBL1-07437	Aldo-keto Reductase 1C4/AKR1C4 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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