

Product Datasheet

Aldo-keto Reductase 1B10/AKR1B10 Antibody NB100-93370

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-93370

Updated 9/9/2025 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/NB100-93370



NB100-93370**Aldo-keto Reductase 1B10/AKR1B10 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

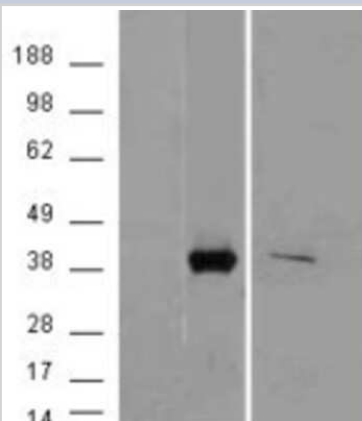
Product Description	
Description	Novus Biologicals Goat Aldo-keto Reductase 1B10/AKR1B10 Antibody (NB100-93370) is a polyclonal antibody validated for use in WB and ELISA. Anti-Aldo-keto Reductase 1B10/AKR1B10 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	57016
Gene Symbol	AKR1B10
Species	Human
Immunogen	Peptide with sequence C-QSSHLEDYPFDAE corresponding to C-Terminus according to NP_064695.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 0.1 ug/ml, Peptide ELISA Detection limit 1:8000
Application Notes	WB: Approx. 35 kDa band observed in lysates of HEK293, A549 and HepG2 (calculated MW of 36.0 kDa band according to NP_064695.2). In transfected HEK293 transiently expressing AKR1B10 a band of approx. 40 kDa is observed. This band is not observed in the non-transfected HEK293.

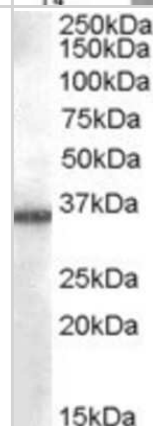


Images

Western Blot: Aldo-keto Reductase 1B10/AKR1B10 Antibody [NB100-93370] - HEK293 overexpressing AKR1B10 (RC203177) with C-terminal tag (DYKDDDDK) and probed with anti-DYKDDDDK in the left panel and with NB100-93370 in the right panel (mock transfection in first and last lanes).



Western Blot: Aldo-keto Reductase 1B10/AKR1B10 Antibody [NB100-93370] - Analysis of AKR1B10 using this antibody at 0.03 ug/ml in A549 cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Tammali R, Ramana KV, Singhal SS et al. Aldose reductase regulates growth factor-induced cyclooxygenase-2 expression and prostaglandin E2 production in human colon cancer cells. *Cancer Res* 2006-10-01 [PMID: 17018629]



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 NB100-93370

NBL1-07434	Aldo-keto Reductase 1B10/AKR1B10 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

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/NB100-93370

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



