

Product Datasheet

Aldo-keto Reductase 1C3/AKR1C3 Antibody H00008644-D01P

Unit Size: 0.1 mg

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

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H00008644-D01P**Aldo-keto Reductase 1C3/AKR1C3 Antibody****Product Information**

Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description

Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Rabbit
Gene ID	8644
Gene Symbol	AKR1C3
Species	Human
Specificity/Sensitivity	Reacts with aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II).
Immunogen	AKR1C3 (NP_003730.4, 1 a.a. - 323 a.a.) full-length human protein. MDSKHQCVKLNDFHMPVLGFGTYAPPEVPRSKALEVTKLAIEAGFRHIDSAH LYNNEEQVGLAIRSKIADGSVKREDIFYTSKLWSTFHRPELVRPALENSLKKAQL DYVDLYLIHSPMSLKPGEELSPTDENGKVIFDIVDLCTTWEAMEKCKDAGLAKSI GVSNNFNRQLEMILNKPGLKYKPCNQVECHPYFNRSKLLDFCKSKDIVLVAYS ALGSQRDKRWVDPNSPVLLDPVLCALAKKHKRTPALIALRYQLQRGVVVLAK SYNEQRIRQNVQVFEFQLTAEDMKAIDGLDRNLHYFNSDSFASHPNYPYSDEY
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

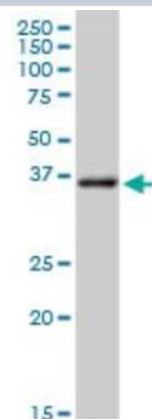
Product Application Details

Applications	Western Blot
Recommended Dilutions	Western Blot
Application Notes	This antibody is reactive against tissue and transfected lysate in WB and as a detection antibody in ELISA.

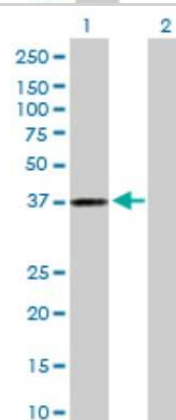


Images

Western Blot: Aldo-keto Reductase 1C3/AKR1C3 Antibody [H00008644-D01P] - Analysis of AKR1C3 expression in human colon.



Western Blot: Aldo-keto Reductase 1C3/AKR1C3 Antibody [H00008644-D01P] - Analysis of AKR1C3 expression in transfected 293T cell line by AKR1C3 polyclonal antibody. Lane 1: AKR1C3 transfected lysate(36.90 KDa). Lane 2: Non-transfected lysate.



Publications

Park SH, Kim JH, Ko E et al. Resistance to gefitinib and cross-resistance to irreversible EGFR-TKIs mediated by disruption of the Keap1-Nrf2 pathway in human lung cancer cells. *FASEB J* 2018-05-29 [PMID: 29812969]

Quinones-Lombrana A, Ferguson D, Hageman Blair R et al. Interindividual Variability in the Cardiac Expression of Anthracycline Reductases in Donors With and Without Down Syndrome. *Pharm Res* 2014-02-22 [PMID: 24562808]



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
novus@novusbio.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: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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

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