

Product Datasheet

15-Lipoxygenase 1 Antibody - Azide and BSA Free H00000246-D01P

Unit Size: 0.1 mg

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

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Publications: 3

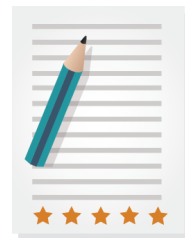
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H00000246-D01P

15-Lipoxygenase 1 Antibody - Azide and BSA Free

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)

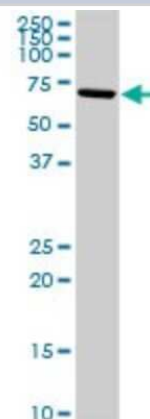
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Rabbit
Gene ID	246
Gene Symbol	ALOX15
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:33754059).
Specificity/Sensitivity	ALOX15 - arachidonate 15-lipoxygenase,
Immunogen	ALOX15 (AAH29032.1, 1 a.a. - 662 a.a.) full-length human protein. MGLYRIRVSTGASLYAGSNNQVQLWLVGQHGEAALGKRLWPARGKETELKVE VPEYLGPLL FVKLRKRHLLKDDAWFCNWISVQGPAGDEVRFPCYRWVEGNG VLSLPEGTGRTVGEDPQGLFQKHREEELEERRKLYRWGNWKDGLILNMAGAK LYDLPVDERFLEDKRVD FEVSLAKGLADLAIKDSLNVLT CWKDLDDFNRIWCG QSKLAERVDSWKEDALFGYQFLNGANPVVLRSAHLPARLVFPPGMEELQA QLEKELEGGTLFEADFSLLDGIKANVILCSQQHLAAPLVMLKLQPDGKLLPMVIQ LQLPRTGSPPPPLFLPTDPPMAWLLAKCWVRSSDFQLHELQSHLLRGHLMAE VIVVATMRCLPSIHPIFKLIIPHLRYTLEINVRARTGLVSDMGIFDQIMSTGGGGH VQLLKQAGAFITYSSFCPPDDLADRGLLGVKSSFYPQDALRLWEIYRYVEGIV SLHYKTDVAVKDDPELQTWCREITEIGLQGAQDRGFPVSLQARDQVCHFVTMC IFTCTGQHASVHLGQLDWYSWVPNAPCTMRLPPPTTKDATLETVMATLPNFHQ ASLQMSITWQLGRRQPVMVAVGQHEEEYFSGPEPKAVLKKFREELAALDKEIEI RNAKLDMPYEYLRPSVVENSVAI
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	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

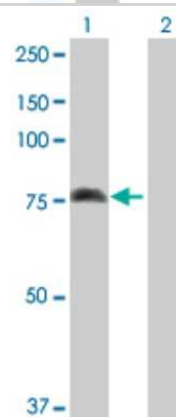


Images

Western Blot: 15-Lipoxygenase 1 Antibody [H00000246-D01P] -
Analysis of ALOX15 expression in mouse spleen.



Western Blot: 15-Lipoxygenase 1 Antibody [H00000246-D01P] -
Analysis of ALOX15 expression in transfected 293T cell line by ALOX15
polyclonal antibody. Lane 1: ALOX15 transfected lysate (74.80 KDa). Lane
2: Non-transfected lysate.



Publications

Nagasaki T, Schuyler AJ, Zhao J Et al. 15LO1 dictates glutathione redox changes in asthmatic airway epithelium to worsen type-2 inflammation The Journal of clinical investigation 2021-11-11 [PMID: 34762602]

Lei J, Zhou Y, Zhao H et al. Dabigatran activates inflammation resolution by promoting fibrinogen-like protein 2 shedding and RvD5n-3 DPA production Theranostics 2021-02-20 [PMID: 33754059] (WB, Mouse)

Leconet W, Petit P, Peraldi-Roux S, Bresson D. Nonviral Delivery of Small Interfering RNA Into Pancreas-associated Immune Cells Prevents Autoimmune Diabetes. Mol Ther. 2012-08-18 [PMID: 22990670]

**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 H00000246-D01P

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000246-P01-10ug	Recombinant Human 15-Lipoxygenase 1 GST (N-Term) Protein

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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