

Product Datasheet

FLAP Antibody - BSA Free NBP1-84666

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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technical@novusbio.com

Publications: 3

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Updated 12/2/2025 v.20.1

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NBP1-84666

FLAP Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	18 kDa

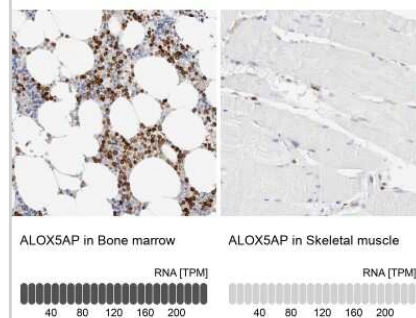
Product Description	
Description	Novus Biologicals Rabbit FLAP Antibody - BSA Free (NBP1-84666) is a polyclonal antibody validated for use in IHC and WB. Anti-FLAP Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	241
Gene Symbol	ALOX5AP
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: HKVEHESRTQNGRSFQRTGTLAFERVYTANQNCVDAYPTFLAVL

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

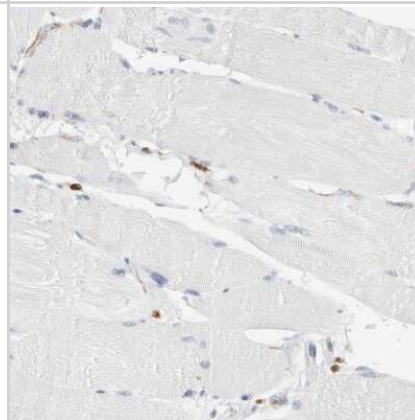


Images

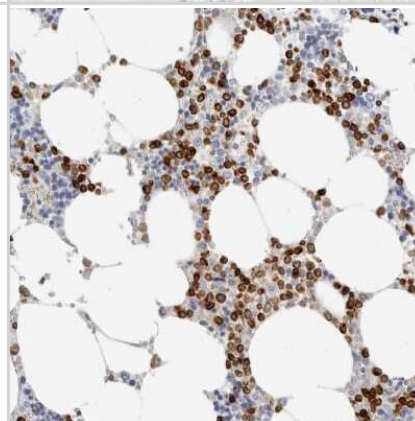
Immunohistochemistry-Paraffin: FLAP Antibody [NBP1-84666] - Staining in human bone marrow and skeletal muscle tissues using anti-ALOX5AP antibody. Corresponding ALOX5AP RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: FLAP Antibody [NBP1-84666] - Staining of human skeletal muscle shows low expression as expected.



Immunohistochemistry-Paraffin: FLAP Antibody [NBP1-84666] - Staining of human bone marrow shows cytoplasmic and nuclear membrane positivity in hematopoietic cells.



Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11

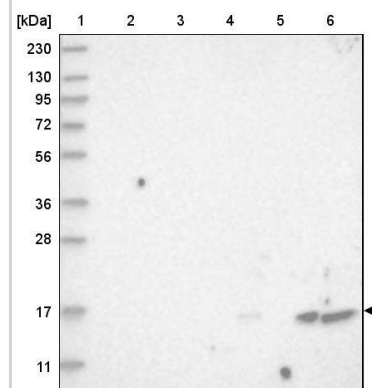
Lane 2: Human cell line RT-4

Lane 3: Human cell line U-251MG sp

Lane 4: Human plasma (IgG/HSA depleted)

Lane 5: Human liver tissue

Lane 6: Human tonsil tissue



Publications

Brunner SM, Schrödl F, Preishuber-Pflügl J et al. Distribution of the cysteinyl leukotriene system components in the human, rat and mouse eye *Experimental eye research* 2023-05-19 [PMID: 37211287] (IHC-P, Human)

Michael J, Unger Ms, Poupardin R Et Al. Microglia depletion diminishes key elements of the leukotriene pathway in the brain of Alzheimer's Disease mice *Acta Neuropathol Commun* 2020-08-08 [PMID: 32771067] (IF/IHC, Mouse)

Perisic L, Hedin E, Razuvaev A et al. Profiling of atherosclerotic lesions by gene and tissue microarrays reveals PCSK6 as a novel protease in unstable carotid atherosclerosis. *Arterioscler Thromb Vasc Biol* 2013-10-01 [PMID: 23908247]





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 NBP1-84666

NBP1-84666PEP	FLAP Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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

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