

Product Datasheet

ALOX12B Antibody - BSA Free NBP1-89409

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 2

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Updated 12/2/2025 v.20.1

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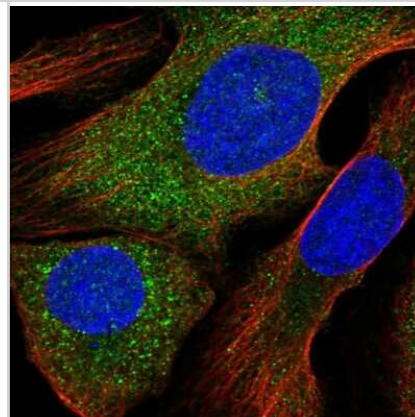
NBP1-89409

ALOX12B Antibody - BSA Free

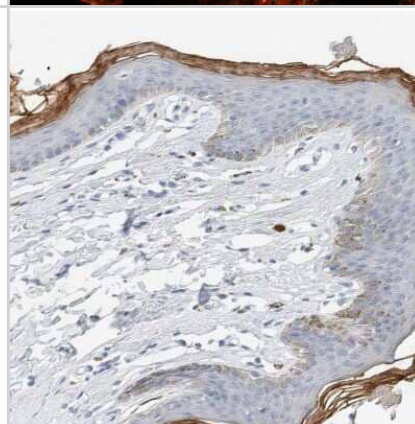
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit ALOX12B Antibody - BSA Free (NBP1-89409) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-ALOX12B Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	242
Gene Symbol	ALOX12B
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (84%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LYKLLIPHTRYTVQINSIGRAVLLNEGGLSAKGMSLGVEGFAGVMVRALSELTY DSL YLPNDFVERGVQDLPGYYRDDSLAVWNALEKYVTEI
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

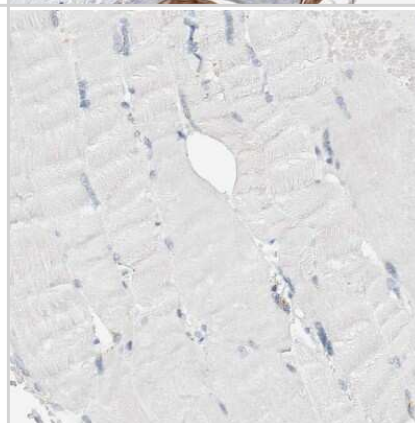
Immunocytochemistry/Immunofluorescence: ALOX12B Antibody [NBP1-89409] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



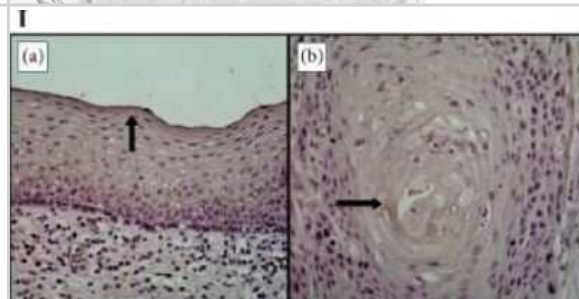
Immunohistochemistry-Paraffin: ALOX12B Antibody [NBP1-89409] - Staining of human skin shows strong cytoplasmic positivity in keratinocytes.



Immunohistochemistry-Paraffin: ALOX12B Antibody [NBP1-89409] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry: ALOX12B Antibody [NBP1-89409] - Analysis of ALOX12B and PTGIS proteins expression in tumor and non-tumor tissue by Immunohistochemistry. Expression of ALOX12B protein; the arrows show weak labeling (brown staining) of non-tumor squamous cells in (a) and OSCC cells in (b). Image collected and cropped by CiteAb from the following publication (<https://www.hindawi.com/journals/jo/2018/6301980/>), licensed under a CC-BY license.



Publications

Yu S, Li X, Ma M et al. The Immunological Contribution of a Novel Metabolism-Related Signature to the Prognosis and Anti-Tumor Immunity in Cervical Cancer Cancers (Basel) 2022-05-13 [PMID: 35626004] (Immunohistochemistry, Human)

Russo A, Biselli-Chicote P, Kawasaki-Oyama R et al. Differential Expression of Prostaglandin I2 Synthase Associated with Arachidonic Acid Pathway in the Oral Squamous Cell Carcinoma. J. Cell. Physiol. 2018-11-01 [PMID: 30532780] (IF/IHC, Human)





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 NBP1-89409

NBP1-89409PEP	ALOX12B Recombinant Protein Antigen
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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