

Product Datasheet

5-Lipoxygenase Antibody - BSA Free NBP2-56011

Unit Size: 100 ul

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

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Updated 2/23/2025 v.20.1

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NBP2-56011**5-Lipoxygenase Antibody - BSA Free**

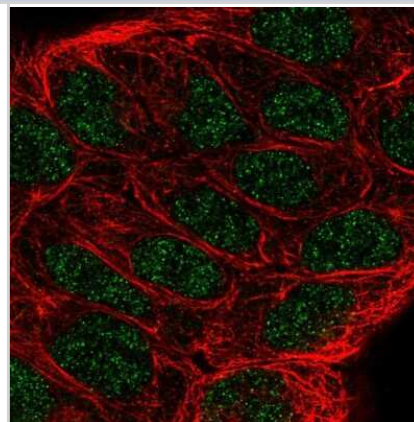
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	240
Gene Symbol	ALOX5
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: MPSYTVTIVATGSQWFAGTDDYIYLSLVGSAGCSEKHLLDKPFYNDFERGAVDS YDVTVDEELGEIQLVRIEKRYWLNDWDY

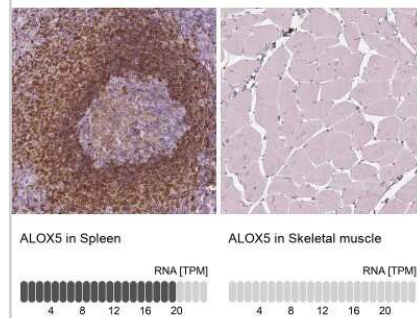
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

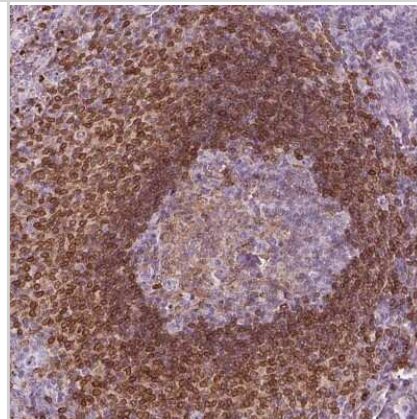
Immunocytochemistry/Immunofluorescence: 5-Lipoxygenase Antibody [NBP2-56011] - Staining of human cell line RT4 shows localization to nucleoplasm. Antibody staining is shown in green.



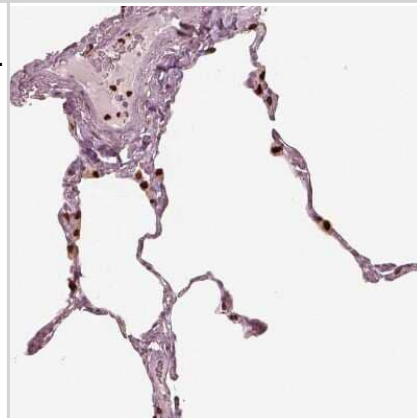
Immunohistochemistry-Paraffin: 5-Lipoxygenase Antibody [NBP2-56011]
 - Analysis in human spleen and skeletal muscle tissues using NBP2-56011 antibody. Corresponding ALOX5 RNA-seq data are presented for the same tissues.



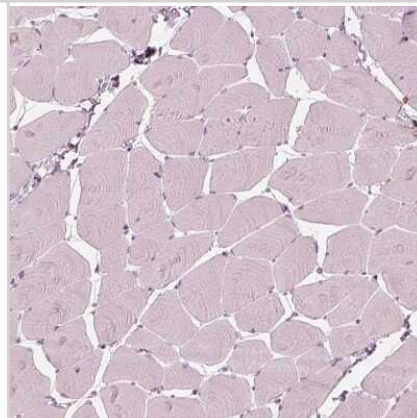
Immunohistochemistry-Paraffin: 5-Lipoxygenase Antibody [NBP2-56011]
 - Staining of human spleen shows high expression.



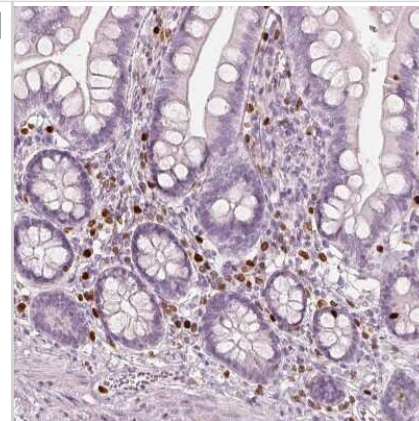
Immunohistochemistry-Paraffin: 5-Lipoxygenase Antibody [NBP2-56011]
 - Staining of human lung shows strong nuclear positivity in macrophages.



Immunohistochemistry-Paraffin: 5-Lipoxygenase Antibody [NBP2-56011]
 - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: 5-Lipoxygenase Antibody [NBP2-56011]
- Staining of human small intestine shows strong nuclear positivity in lymphoid cells.





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Products Related to NBP2-56011

NBP2-56011PEP	5-Lipoxygenase 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.

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