

Product Datasheet

15-Lipoxygenase 1 Antibody

NBP1-06976

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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NBP1-06976**15-Lipoxygenase 1 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

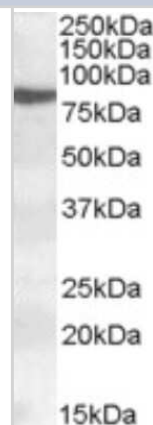
Product Description	
Host	Goat
Gene ID	246
Gene Symbol	ALOX15
Species	Human
Immunogen	Peptide with sequence C-HYKTDVAVKDDPE corresponding to internal region according to NP_001131.3.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.2-0.5 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 2 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	Western blot: Approx. 80kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 74.8kDa according to NP_001131.3). Primary incubation was 1 hour. IHC: Paraffin embedded Human Skeletal Muscle and Kidney.



Images

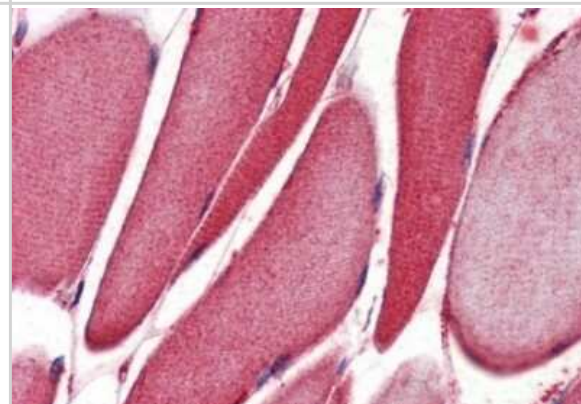
Western Blot: 15-Lipoxygenase 1 Antibody [NBP1-06976] - (0.2ug/ml) staining of nuclear HeLa lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry-Paraffin: 15-Lipoxygenase 1 Antibody [NBP1-06976] - (2ug/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: 15-Lipoxygenase 1 Antibody [NBP1-06976] - (2ug/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

McDuffie M, Maybee NA, Keller SR et al. Nonobese diabetic (NOD) mice congenic for a targeted deletion of 12/15-lipoxygenase are protected from autoimmune diabetes. Diabetes 2008-01-01 [PMID: 17940120]



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Products Related to NBP1-06976

NBL1-07481	15-Lipoxygenase 1 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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