

Product Datasheet

15-Lipoxygenase 1 Antibody

NBP1-06976

Unit Size: 0.1 mg

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

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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 | |
|---------------------|--|
| Description | Novus Biologicals Goat 15-Lipoxygenase 1 Antibody (NBP1-06976) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-15-Lipoxygenase 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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-Paraffin, Immunohistochemistry, 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

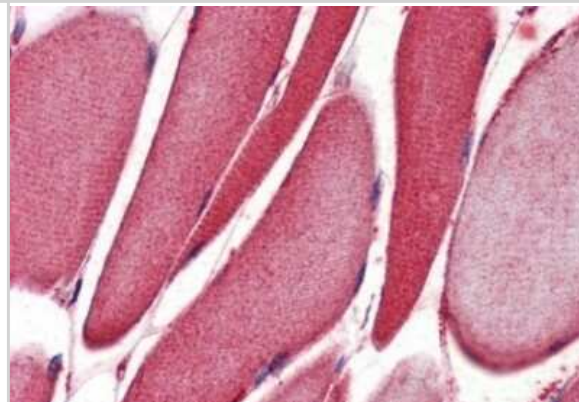
Western Blot: 15-Lipoxygenase 1 Antibody [NBP1-06976] - (0.2ug/ml) staining of nuclear HeLa lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

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 |
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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