

# Product Datasheet

## 12-Lipoxygenase Antibody (RB17150) NBP2-29941

Unit Size: 0.4 ml

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

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**NBP2-29941****12-Lipoxygenase Antibody (RB17150)**

<b>Product Information</b>	
<b>Unit Size</b>	0.4 ml
<b>Concentration</b>	2 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Clone</b>	RB17150
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Ammonium sulfate precipitation
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	75.694 kDa

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	239
<b>Gene Symbol</b>	ALOX12
<b>Species</b>	Human
<b>Immunogen</b>	This ALOX12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 618-650 amino acids from the C-terminal region of human ALOX12.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000, Flow Cytometry 1:10 - 1:50, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:10 - 1:50

**Publications**

Gilbert NC, Gerstmeier J, Schexnaydre EE et al. Structural and mechanistic insights into 5-lipoxygenase inhibition by natural products Nat. Chem. Biol. 2020-05-11 [PMID: 32393899]

Han YH, Shin KO, Kim JY et al. A maresin 1/ROR alpha/12-lipoxygenase autoregulatory circuit prevents inflammation and progression of nonalcoholic steatohepatitis J. Clin. Invest. 2019-03-11 [PMID: 30855276] (WB, Human)

Werner M, Jordan PM, Romp E et al. Targeting biosynthetic networks of the proinflammatory and proresolving lipid metabolome FASEB J. 2019-02-08 [PMID: 30735438] (WB, Human)





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### **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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