

# Product Datasheet

## Lactoperoxidase Antibody - BSA Free NBP1-87010

Unit Size: 0.1 ml

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

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### Publications: 1

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**NBP1-87010**

Lactoperoxidase Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

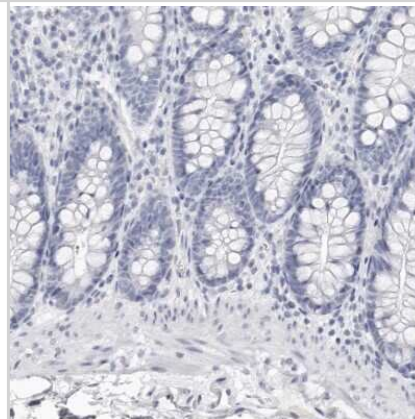
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	4025
<b>Gene Symbol</b>	LPO
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (82%) Use in Mouse reported in scientific literature (PMID:29858825).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: IVGYLNEEGVLDQNRSLLFMQWGQIVDHDLDLDFAPDTELGSSSEYSKAQCDEYCI QGDNCFPIMFPPNDPKAGTQGKCMPPFFRAGFVCPTPPYKSLAR

Product Application Details	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

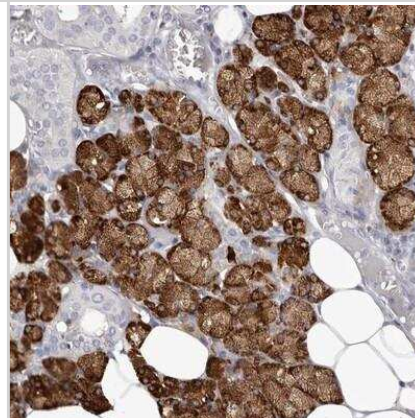


## Images

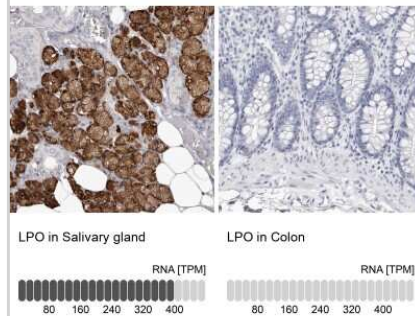
Immunohistochemistry-Paraffin: Lactoperoxidase Antibody [NBP1-87010] - Staining of human colon shows low expression as expected.



Immunohistochemistry-Paraffin: Lactoperoxidase Antibody [NBP1-87010] - Staining of human salivary gland shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Lactoperoxidase Antibody [NBP1-87010] - Staining in human salivary gland and colon tissues using anti-LPO antibody. Corresponding LPO RNA-seq data are presented for the same tissues.



## Publications

Sarr D, Toth E et al. Antimicrobial actions of dual oxidases and lactoperoxidase. J Microbiol 2018-01-06 [PMID: 29858825] (IF/IHC, Mouse)



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### **Products Related to NBP1-87010**

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NBP1-87010PEP	Lactoperoxidase 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

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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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