

# Product Datasheet

## LAD1 Antibody - BSA Free NBP1-86126

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 2/21/2025 v.20.1

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**NBP1-86126**

LAD1 Antibody - BSA Free

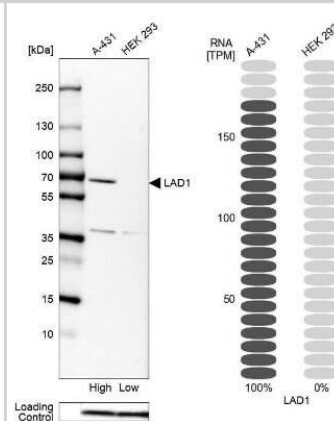
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<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>	3898
<b>Gene Symbol</b>	LAD1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: SPRTISFRMKPKKENSETTLTRSASMKLPDNTVKLGEKLERHYHTAIRRSESVKS RGLPCTELFVAPVGVASKRHLFEKELAGQSRAEPASSRKENLRLSGVVTSRLN LWISRTQESGDQDPQEAQKASSATERTQWGQKSDSSL

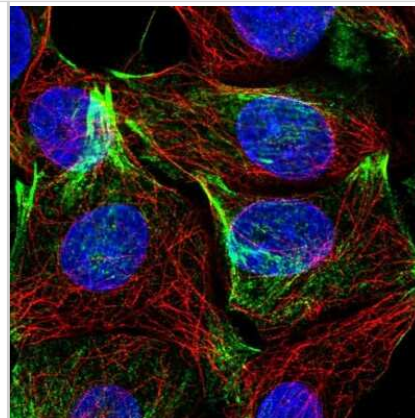
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

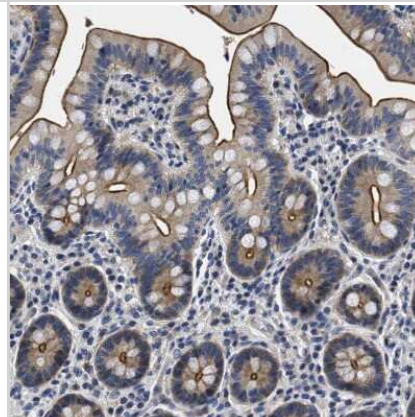
Western Blot: LAD1 Antibody [NBP1-86126] - Analysis in human cell lines A-431 and HEK293 using Anti-LAD1 antibody. Corresponding LAD1 RNA-seq data are presented for the same cell lines. Loading control: Anti-PFN1.



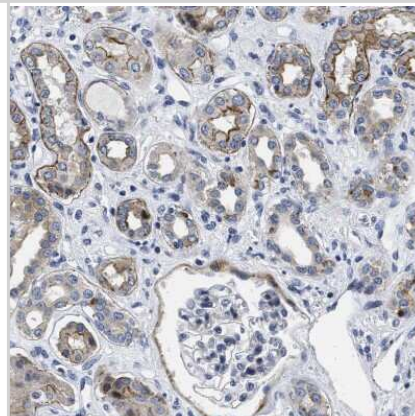
Immunocytochemistry/Immunofluorescence: LAD1 Antibody [NBP1-86126] - Staining of human cell line MCF7 shows localization to actin filaments. Antibody staining is shown in green.



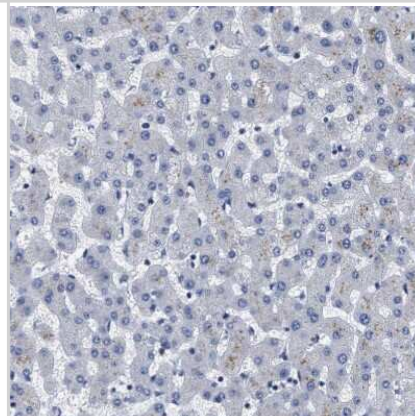
Immunohistochemistry-Paraffin: LAD1 Antibody [NBP1-86126] - Staining of human small intestine shows strong membranous positivity in glandular cells.



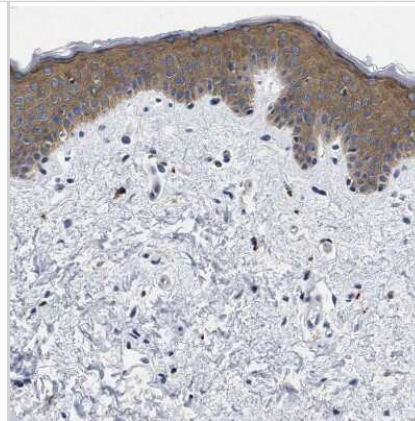
Immunohistochemistry-Paraffin: LAD1 Antibody [NBP1-86126] - Staining of human kidney shows moderate membranous positivity in cells in tubules.



Immunohistochemistry-Paraffin: LAD1 Antibody [NBP1-86126] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: LAD1 Antibody [NBP1-86126] - Staining of human skin shows moderate cytoplasmic positivity in squamous epithelial cells.



## Publications

Moon B, Yang SJ, Park SM et al. LAD1 expression is associated with the metastatic potential of colorectal cancer cells BMC cancer 2020-12-02 [PMID: 33267790] (ICC/IF, WB, Human)

### Details:

Human colorectal cancer cell lines were transfected with LAD1 overexpression plasmid and underwent immunofluorescence and Western blot analysis.



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### **Products Related to NBP1-86126**

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NBP1-86126PEP	LAD1 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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