

# Product Datasheet

## Apolipoprotein L2 Antibody - BSA Free NBP1-90127

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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Updated 2/21/2025 v.20.1

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**NBP1-90127**

Apolipoprotein L2 Antibody - BSA Free

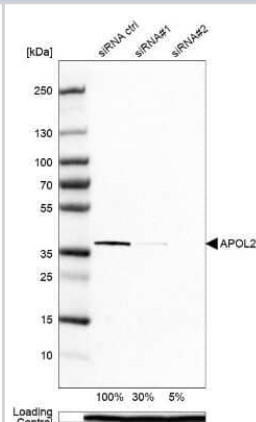
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<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
<b>Target Molecular Weight</b>	37 kDa

Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	23780
<b>Gene Symbol</b>	APOL2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human reactivity reported in scientific literature (PMID: 24901046).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LGVRVREEEAGTRVKENLPVWTVTGELQGKPLGNPAAGTMNPESSIFIEDYLK YFQDQVSRENLLQLLTDDEAWNGFVAAAELPRDEADELRKALNKLASHMVMK DKNRHDKDQQHRQWFLKEFPRLKRELEDHIRKLRALAEVEVEQVHR

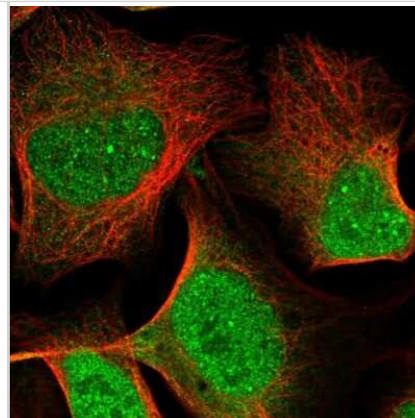
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

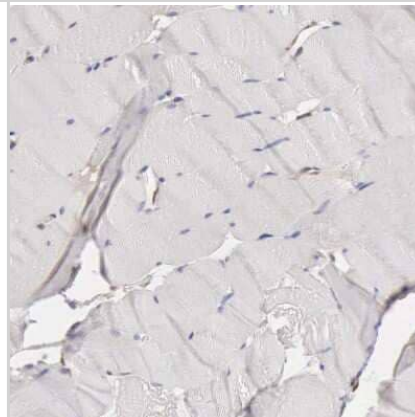
Western Blot: Apolipoprotein L2 Antibody [NBP1-90127] - Analysis in U-138MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-APOL2 antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



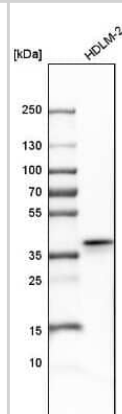
Immunocytochemistry/Immunofluorescence: Apolipoprotein L2 Antibody [NBP1-90127] - Staining of human cell line U-2 OS shows localization to nucleoplasm, nuclear bodies & cytosol. Antibody staining is shown in green.



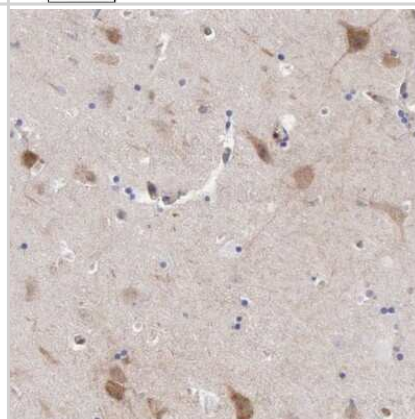
Immunohistochemistry-Paraffin: Apolipoprotein L2 Antibody [NBP1-90127] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



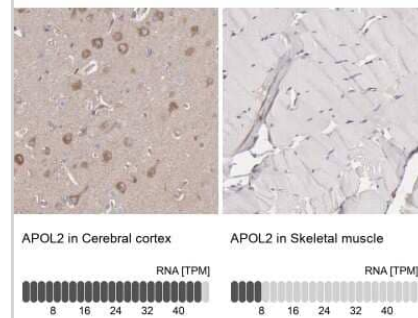
Western Blot: Apolipoprotein L2 Antibody [NBP1-90127] - Analysis in human cell line HDLM-2.



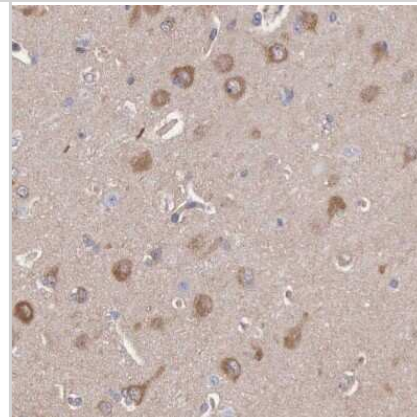
Immunohistochemistry-Paraffin: Apolipoprotein L2 Antibody [NBP1-90127] - Staining of human hippocampus shows strong cytoplasmic and weak nuclear positivity in neuronal cells.



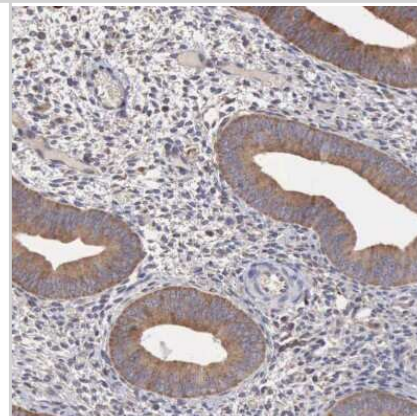
Immunohistochemistry-Paraffin: Apolipoprotein L2 Antibody [NBP1-90127] - Analysis in human cerebral cortex and skeletal muscle tissues. Corresponding APOL2 RNA-seq data are presented for the same tissues.



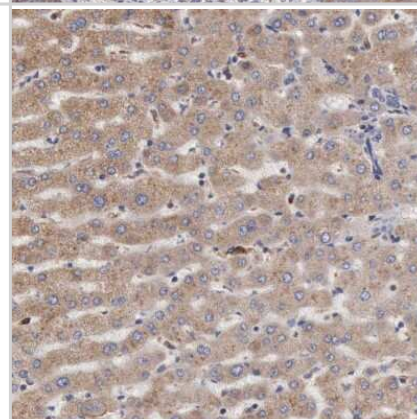
Immunohistochemistry-Paraffin: Apolipoprotein L2 Antibody [NBP1-90127] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neuronal cells.



Immunohistochemistry-Paraffin: Apolipoprotein L2 Antibody [NBP1-90127] - Staining of human endometrium shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Apolipoprotein L2 Antibody [NBP1-90127] - Staining of human liver shows moderate cytoplasmic positivity in hepatocytes.



## Publications

Galindo-Moreno J, Iurlaro R, El Mjiyad N et al. Apolipoprotein L2 contains a BH3-like domain but it does not behave as a BH3-only protein. *Cell Death Dis* 2014-06-05 [PMID: 24901046] (WB, Human)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-90127**

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NBP1-90127PEP	Apolipoprotein L2 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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