

# Product Datasheet

## Apolipoprotein L1 Antibody

### NBP1-06017

Unit Size: 0.1 mg

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

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



[technical@novusbio.com](mailto:technical@novusbio.com)

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**NBP1-06017****Apolipoprotein L1 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 |
| Target Molecular Weight | 44 kDa                                                 |

| Product Description     |                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | Novus Biologicals Goat Apolipoprotein L1 Antibody (NBP1-06017) is a polyclonal antibody validated for use in WB and ELISA. Anti-Apolipoprotein L1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                    | Goat                                                                                                                                                                                                                                                    |
| Gene ID                 | 8542                                                                                                                                                                                                                                                    |
| Gene Symbol             | APOL1                                                                                                                                                                                                                                                   |
| Species                 | Human                                                                                                                                                                                                                                                   |
| Specificity/Sensitivity | This antibody is expected to recognize both reported isoforms (NP_003652.2; NP_663318.1).                                                                                                                                                               |
| Immunogen               | Peptide with sequence C-NNNYKILQADQE corresponding to C-Terminus according to NP_003652.2, NP_663318.1.                                                                                                                                                 |

| Product Application Details |                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Peptide ELISA                                                                                                                                       |
| Recommended Dilutions       | Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:16000                                                                                               |
| Application Notes           | WB: Approx. 45 kDa band observed in human placenta lysates (calculated MW of 44 kDa band according to NP_003652.2 and of 45.9 kDa band according to NP_663318.1). |

**Images**

Western Blot: Apolipoprotein L1 Antibody [NBP1-06017] - (0.1ug/ml) staining of Human Placenta lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

## Publications

Perez-Morga D, Vanhollebeke B, Paturiaux-Hanocq F et al. Apolipoprotein L-I promotes trypanosome lysis by forming pores in lysosomal membranes. Science 2005-07-15 [PMID: 16020735]





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-06017**

|                    |                                                                        |
|--------------------|------------------------------------------------------------------------|
| 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                                               |
| H00008542-P01-10ug | Recombinant Human Apolipoprotein L1 GST (N-Term) Protein               |

### **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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