

# Product Datasheet

## PLA2G4A Antibody - BSA Free NBP1-31344

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-31344](http://www.novusbio.com/NBP1-31344)

Updated 2/21/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-31344](http://www.novusbio.com/reviews/destination/NBP1-31344)



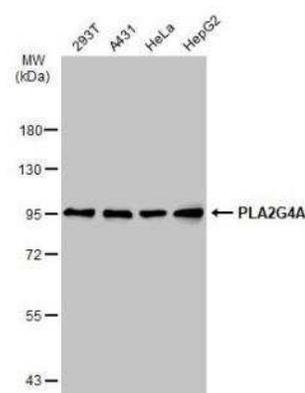
**NBP1-31344**

PLA2G4A Antibody - BSA Free

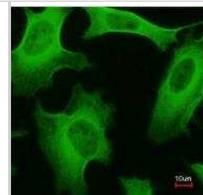
| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 100 ul   |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.   |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.   |
| Clonality                   | Polyclonal   |
| Preservative                | 0.025% Proclin 300   |
| Isotype                     | IgG  |
| Purity                      | Antigen Affinity-purified  |
| Buffer                      | PBS (pH 7), 20% Glycerol   |
| Target Molecular Weight     | 85 kDa   |
| Product Description         |  |
| Host                        | Rabbit   |
| Gene ID                     | 5321   |
| Gene Symbol                 | PLA2G4A  |
| Species                     | Human, Mouse   |
| Immunogen                   | Recombinant protein encompassing a sequence within the N-terminus region of human PLA2G4A. The exact sequence is proprietary.                                  |
| Product Application Details |  |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000 |

**Images**

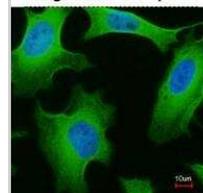
Western Blot: PLA2G4A Antibody [NBP1-31344] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PLA2G4A antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



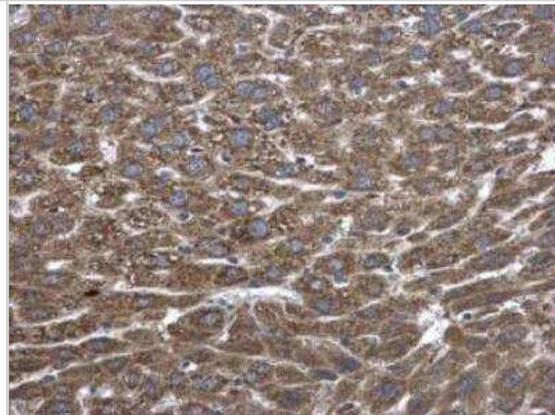
Immunocytochemistry/Immunofluorescence: PLA2G4A Antibody [NBP1-31344] - Analysis of HeLa, using NBP1-31344 at 1:200 dilution.



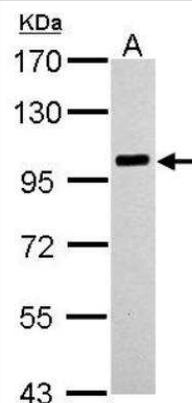
Merged with DNA probe



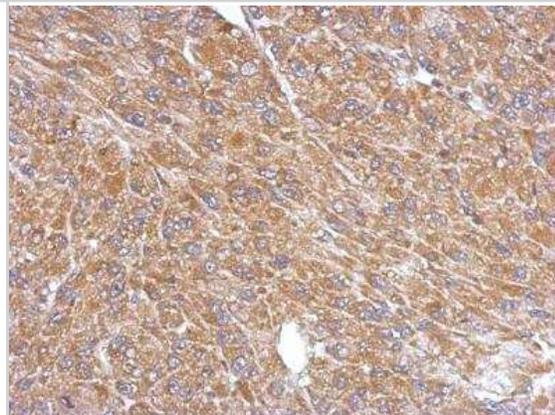
Immunohistochemistry-Paraffin: PLA2G4A Antibody [NBP1-31344] - PLA2G4A antibody detects PLA2G4A protein at cytoplasm in mouse liver by immunohistochemical analysis. Sample: Paraffin-embedded mouse liver. PLA2G4A antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



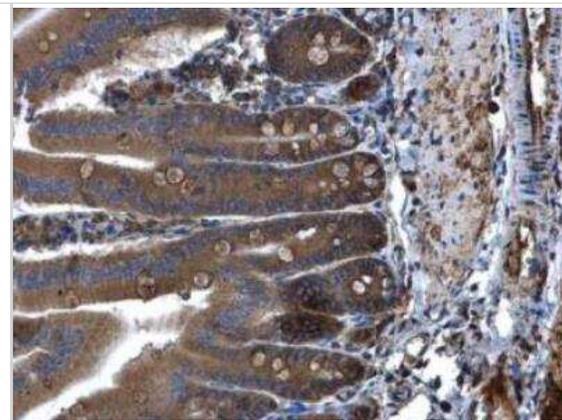
Western Blot: PLA2G4A Antibody [NBP1-31344] - Sample (30 ug of whole cell lysate) A: NIH-3T3 7.5% SDS PAGE; antibody diluted at 1:1000.



Immunohistochemistry-Paraffin: PLA2G4A Antibody [NBP1-31344] - U87 xenograft, using PLA2G4A antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: PLA2G4A Antibody [NBP1-31344] - PLA2G4A antibody detects PLA2G4A protein at cytoplasm in mouse duodenum by immunohistochemical analysis. Sample: Paraffin-embedded mouse duodenum. PLA2G4A antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min





### **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 NBP1-31344**

---

|               |   |
|---------------|---|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP2-38616PEP | PLA2G4A Recombinant Protein Antigen                 |

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-31344](http://www.novusbio.com/reviews/submit/NBP1-31344)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

