

# Product Datasheet

## eIF4A2 Antibody (PSH01-89)

### NBP3-32301

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. 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/NBP3-32301](http://www.novusbio.com/NBP3-32301)

Updated 9/9/2025 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/NBP3-32301](http://www.novusbio.com/reviews/destination/NBP3-32301)



**NBP3-32301**

eIF4A2 Antibody (PSH01-89)

| Product Information     |                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------|
| Unit Size               | 100 ul                                                                                 |
| Concentration           | 1 mg/ml                                                                                |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                                                                             |
| Clone                   | PSH01-89                                                                               |
| Preservative            | 0.05% Sodium Azide                                                                     |
| Isotype                 | IgG                                                                                    |
| Purity                  | Protein A purified                                                                     |
| Buffer                  | PBS (pH7.4), 0.1% BSA and 40% Glycerol                                                 |
| Target Molecular Weight | 46 kDa                                                                                 |

| Product Description |                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit eIF4A2 Antibody (PSH01-89) (NBP3-32301) is a recombinant monoclonal antibody validated for use in WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit                                                                                                                                                                                                    |
| Gene ID             | 1974                                                                                                                                                                                                      |
| Gene Symbol         | EIF4A2                                                                                                                                                                                                    |
| Species             | Human, Mouse, Rat, Monkey                                                                                                                                                                                 |
| Immunogen           | Recombinant protein within Human eIF4A2 aa 1-407 / 407. (Uniprot: Q14240)                                                                                                                                 |

| Product Application Details |                                                 |
|-----------------------------|-------------------------------------------------|
| Applications                | Western Blot, Immunoprecipitation               |
| Recommended Dilutions       | Western Blot 1:1000, Immunoprecipitation 1:1000 |



## Images

Western Blot: eIF4A2 Antibody (PSH01-89) [NBP3-32301] - Western blot analysis of eIF4A2 on different lysates with Rabbit anti-eIF4A2 antibody (NBP3-32301) at 1/1,000 dilution.

Lane 1: HepG2 cell lysate  
 Lane 2: HeLa cell lysate  
 Lane 3: PC-3M cell lysate  
 Lane 4: 293T cell lysate  
 Lane 5: MCF7 cell lysate  
 Lane 6: NIH/3T3 cell lysate  
 Lane 7: C2C12 cell lysate  
 Lane 8: PC-12 cell lysate  
 Lane 9: COS-1 cell lysate  
 Lane 10: Human brain tissue lysate  
 Lane 11: Mouse testis tissue lysate  
 Lane 12: Rat testis tissue lysate

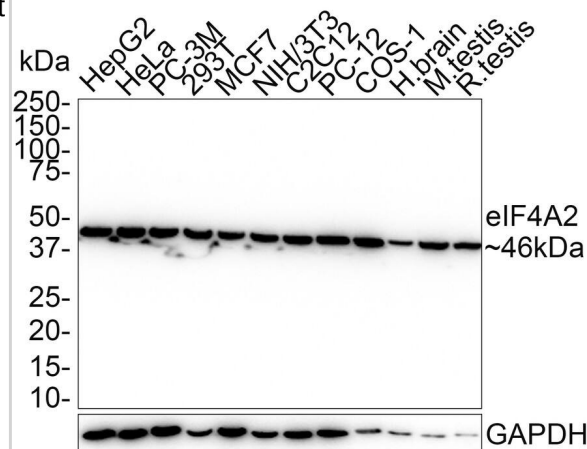
Lysates/proteins at 30 ug/Lane.

Predicted band size: 46 kDa  
 Observed band size: 46 kDa

Exposure time: 24 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32301) at 1/1,000 dilution was used in 5% NFDm/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





### **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 NBP3-32301**

---

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891         | Rabbit IgG Isotype Control                          |
| H00001974-Q01-10ug | Recombinant Human eIF4A2 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.

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/NBP3-32301](http://www.novusbio.com/reviews/submit/NBP3-32301)

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

