

# Product Datasheet

## eIF2A Antibody (8V8H7)

**NBP3-16864-100ul**

Unit Size: 100 ul

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

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



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

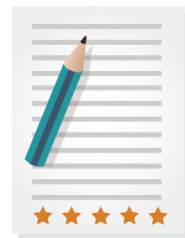
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-16864](http://www.novusbio.com/NBP3-16864)

Updated 11/7/2023 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/NBP3-16864](http://www.novusbio.com/reviews/destination/NBP3-16864)



**NBP3-16864-100ul**

eIF2A Antibody (8V8H7)

**Product Information**

|                      |                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 100 ul                                                                                      |
| <b>Concentration</b> | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at -20C. Avoid freeze-thaw cycles.                                                    |
| <b>Clonality</b>     | Monoclonal                                                                                  |
| <b>Clone</b>         | 8V8H7                                                                                       |
| <b>Preservative</b>  | 0.02% Sodium Azide                                                                          |
| <b>Isotype</b>       | IgG                                                                                         |
| <b>Purity</b>        | Affinity purified                                                                           |
| <b>Buffer</b>        | PBS, 0.05% BSA, 50% glycerol, pH7.3                                                         |

**Product Description**

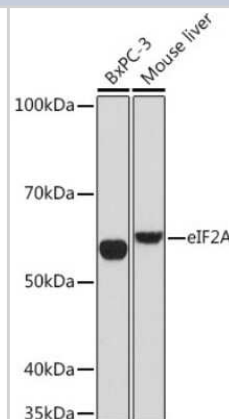
|                    |                                                                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>        | Rabbit                                                                                                                                                                                                          |
| <b>Gene ID</b>     | 83939                                                                                                                                                                                                           |
| <b>Gene Symbol</b> | EIF2A                                                                                                                                                                                                           |
| <b>Species</b>     | Human, Mouse, Rat                                                                                                                                                                                               |
| <b>Immunogen</b>   | A synthetic peptide corresponding to a sequence within amino acids 450-550 of human eIF2A (Q9BY44).<br>ALRNKPITNSKLHEEEPPQNMKPQSGNDKPLSKTALKNQRKHEAKKAQKQEAR<br>SDKSPDLAPTPAPQSTPRNTVSQSISGDPEIDKKIKNLKKLKAIEQL |

**Product Application Details**

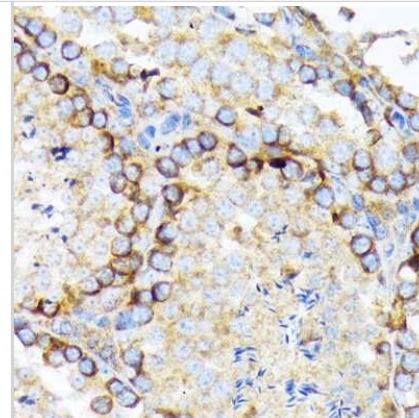
|                              |                                                                                               |
|------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin                             |
| <b>Recommended Dilutions</b> | Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin |

**Images**

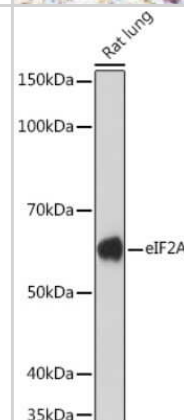
Western Blot: eIF2A Antibody (8V8H7) [NBP3-16864] - Western blot analysis of extracts of various cell lines, using eIF2A Rabbit mAb (NBP3-16864) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



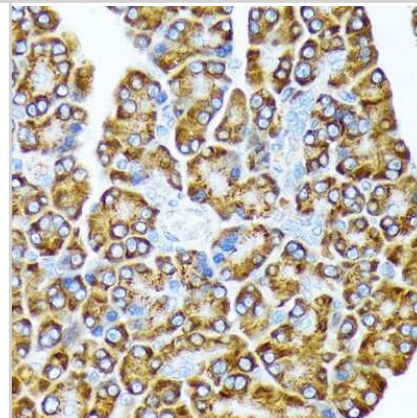
**Immunohistochemistry-Paraffin: eIF2A Antibody (8V8H7) [NBP3-16864]**  
 - Immunohistochemistry of paraffin-embedded mouse testis using eIF2A Rabbit mAb (NBP3-16864) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



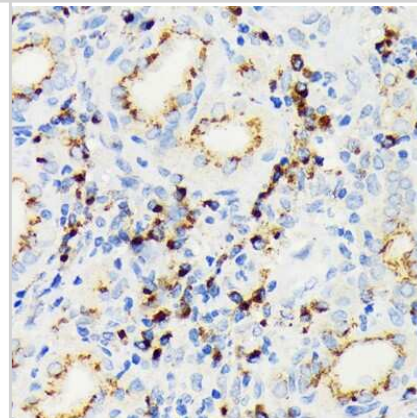
**Western Blot: eIF2A Antibody (8V8H7) [NBP3-16864]** - Western blot analysis of extracts of Rat lung, using eIF2A Rabbit mAb (NBP3-16864) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 3min.



**Immunohistochemistry-Paraffin: eIF2A Antibody (8V8H7) [NBP3-16864]**  
 - Immunohistochemistry of paraffin-embedded rat pancreas using eIF2A Rabbit mAb (NBP3-16864) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



**Immunohistochemistry-Paraffin: eIF2A Antibody (8V8H7) [NBP3-16864]**  
 - Immunohistochemistry of paraffin-embedded human thyroid cancer using eIF2A Rabbit mAb (NBP3-16864) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.





### **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 NBP3-16864-100ul**

|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP1-84879PEP | eIF2A 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/NBP3-16864](http://www.novusbio.com/reviews/submit/NBP3-16864)

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

