

# Product Datasheet

## **POR/Cytochrome P450 Reductase Antibody (9U1U7) NBP3-16534-100ul**

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/NBP3-16534](http://www.novusbio.com/NBP3-16534)

Updated 4/16/2024 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/NBP3-16534](http://www.novusbio.com/reviews/destination/NBP3-16534)



**NBP3-16534-100ul**

POR/Cytochrome P450 Reductase Antibody (9U1U7)

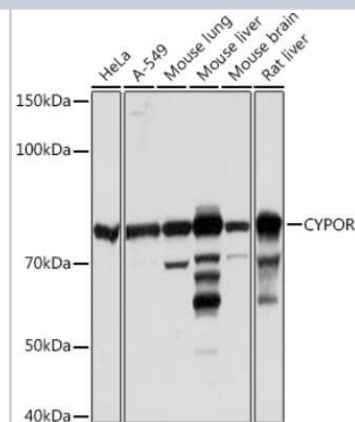
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9U1U7
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 0.05% BSA, 50% glycerol, pH7.3
Target Molecular Weight	77 kDa

Product Description	
Host	Rabbit
Gene ID	5447
Gene Symbol	POR
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 100-200 of human POR/Cytochrome P450 Reductase (P16435). KDAHRYGMRGMSADPEEYDLADLSSLPEIDNALVVFCMATYGEGDPTDNAQD FYDWLQETDVDLSGVKFAVFLGNKTYEHFNAMGKYVDKRLEQLGAQRI

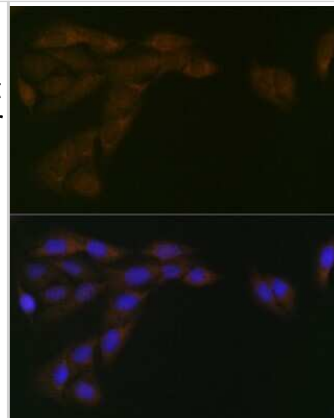
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

**Images**

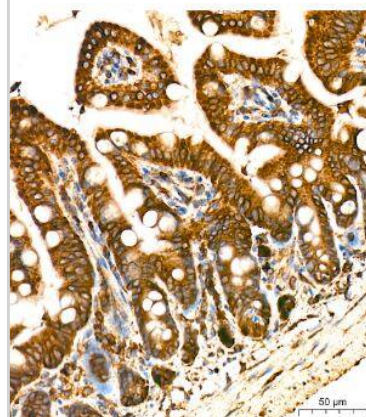
Western Blot: POR/Cytochrome P450 Reductase Antibody (9U1U7) [NBP3-16534] - Western blot analysis of extracts of various cell lines, using POR/Cytochrome P450 Reductase Rabbit mAb (NBP3-16534) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 10s.



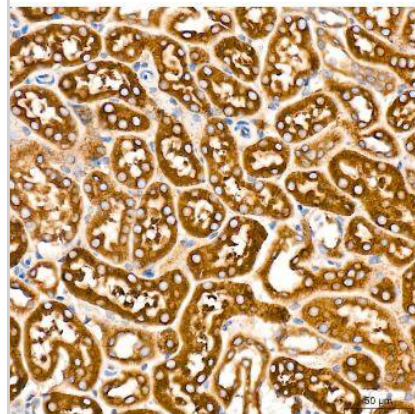
Immunocytochemistry/Immunofluorescence: POR/Cytochrome P450 Reductase Antibody (9U1U7) [NBP3-16534] - Immunofluorescence analysis of U-2 OS cells using POR/Cytochrome P450 Reductase Rabbit mAb (NBP3-16534) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



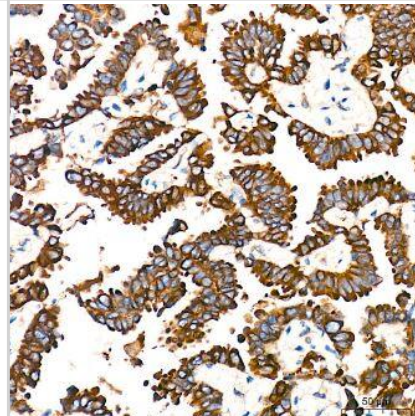
Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (9U1U7) [NBP3-16534] - Analysis of CYPOR in paraffin-embedded mouse intestine tissue using CYPOR Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



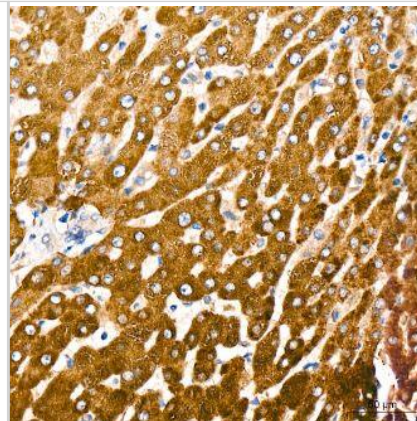
Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (9U1U7) [NBP3-16534] - Analysis of CYPOR in paraffin-embedded mouse kidney tissue using CYPOR Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (9U1U7) [NBP3-16534] - Human lung adenocarcinoma tissue using CYPOR Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry-Paraffin: POR/Cytochrome P450 Reductase Antibody (9U1U7) [NBP3-16534] - Human liver tissue using CYPOR Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.





### **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 NBP3-16534-100ul**

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-85357PEP	POR/Cytochrome P450 Reductase 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/NBP3-16534](http://www.novusbio.com/reviews/submit/NBP3-16534)

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

