

# Product Datasheet

## TR alpha/NR1A1/Thyroid Hormone Receptor alpha Knockout HeLa Cell Lysate NBP2-64767

Unit Size: 2 Vials

Store at -20C short term. Aliquot and store at -80C 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/NBP2-64767](http://www.novusbio.com/NBP2-64767)

Updated 10/20/2019 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/NBP2-64767](http://www.novusbio.com/reviews/destination/NBP2-64767)



**NBP2-64767**

TR alpha/NR1A1/Thyroid Hormone Receptor alpha Knockout HeLa Cell Lysate

Product Information	
Unit Size	2 Vials
Concentration	Lyoph
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Reconstitution Instructions	To use as WB negative control, spin down briefly and resuspend in 100 uL 1xSDS sample buffer (2% SDS, 60 mM Tris-HCl pH 6.8, 10% Glycerol, 0.02% Bromophenol blue, 60 mM beta-mercaptoethanol). Boil the lysate for 3 - 5 minutes before loading it onto gel.
Buffer	0.1 mg cell homogenate lyophilized in RIPA buffer made with double-knockout cell lines.

Product Description	
Gene ID	7067
Gene Symbol	THRA
Species	Human
Preparation Method	Knockout achieved by using CRISPR/Cas9, 10 bp deletion in exon 5
Notes	Powered by EDIGENE. Validation of antibody specificity is critical and verification of antibody performance against knockout samples is one way to guarantee that an antibody recognizes a specific target. Novus' KO cell lysate can be used as a negative control for western blots and to confirm the specificity of antibodies.
Lysate Type	Knockout HeLa Cell

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot
Application Notes	You will receive 1 vial (100ug) of knockout cell lysate and 1 vial (100ug) of Parental cell lysate. Lysate can be diluted with 1X SDS sample buffer and will be stable at -20 degrees C for 12 months. Minimize freeze-thaw cycles.





### **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

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Lysates are guaranteed for 6 months 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/NBP2-64767](http://www.novusbio.com/reviews/submit/NBP2-64767)

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

