

# Product Datasheet

## HIF-1 alpha Antibody [Biotin] NB100-134B

Unit Size: 0.1 ml

Store at 4C in the dark.

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



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

### Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-134B](http://www.novusbio.com/NB100-134B)

Updated 10/23/2024 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/NB100-134B](http://www.novusbio.com/reviews/destination/NB100-134B)



**NB100-134B**

HIF-1 alpha Antibody [Biotin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Biotin
Purity	Immunogen affinity purified
Buffer	PBS
Target Molecular Weight	93 kDa

Product Description	
Host	Rabbit
Gene ID	3091
Gene Symbol	HIF1A
Species	Human, Mouse, Rat, Bovine, Canine, Guinea Pig, Primate, Xenopus, Zebrafish
Reactivity Notes	Use in Human reported in scientific literature (PMID:33654095).
Immunogen	This HIF-1 alpha Antibody was developed against a fusion protein made to an internal sequence of human HIF-1 alpha (containing amino acids 432 - 528) [Uniprot# Q16665].

Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Gel Super Shift Assays, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing, Dual RNAScope ISH-IHC, Knockout Validated
Recommended Dilutions	Western Blot, Simple Western, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, Gel Super Shift Assays, Chromatin Immunoprecipitation (ChIP), Knockout Validated, Chromatin Immunoprecipitation Sequencing, Dual RNAScope ISH-IHC
Application Notes	Optimal dilution of this antibody should be experimentally determined.

**Publications**

Pawlus MR, Wang L, Ware K, Hu CJ. USF2 and HIF2alpha cooperatively activate HIF2 target genes during hypoxia Mol Cell Biol 2012-09-10 [PMID: 22966206]

Pawlus MR, Wang L, Murakami A. STAT3 or USF2 Contributes to HIF Target Gene Specificity. PLoS One. 2013 Aug 21 [PMID: 23991099] (ChIP, Human)





### **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 NB100-134B**

---

NBP2-29370	Streptavidin Native Protein
NBP2-24891B	Rabbit IgG Isotype Control [Biotin]
H00003091-P01-10ug	Recombinant Human HIF-1 alpha GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]

---

### **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/NB100-134B](http://www.novusbio.com/reviews/submit/NB100-134B)

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

