

# Product Datasheet

## HIF-1 alpha Antibody NB100-134

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-134**

HIF-1 alpha Antibody

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
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, Canine, Guinea Pig, Primate, Xenopus, Zebrafish
Reactivity Notes	Canine reactivity was reported in scientific literature (PMID: 24140705). Mouse reactivity results are mixed. Cross-reactivity with Zebrafish was reported via a customer review.
Immunogen	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, Chromatin Immunoprecipitation, Gel Super Shift Assays, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500 - 1:1000, Simple Western 1:100, Chromatin Immunoprecipitation 25 ul 15 million cells, Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/Immunofluorescence 1:100 - 1:500, Immunoprecipitation 1:1000, Immunohistochemistry-Paraffin 1:100 - 1:500, Immunohistochemistry-Frozen 1:100 - 1:500, Gel Super Shift Assays 1:1 - 1:100
Application Notes	ChIP usage was reported in scientific literature (PMID: 22891341). ICC/IF usage was reported in scientific literature (PMID: 21270095, 21270095). In WB a band is observed approx. 120 kDa. IHC applications have been mixed on Mouse. For ChIP, nuclear extracts are recommended. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. Separated by Size: Wes/Sally Sue/Peggy Sue.





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### **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.

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