

Product Datasheet

HIF-1 alpha Antibody (H1alpha67) [HRP] NB100-123H

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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NB100-123H

HIF-1 alpha Antibody (H1alpha67) [HRP]

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	Monoclonal
Clone	H1alpha67
Preservative	No Preservative
Isotype	IgG2b
Conjugate	HRP
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	93 kDa
Product Description	
Host	Mouse
Gene ID	3091
Gene Symbol	HIF1A
Species	Human, Mouse, Rat, Porcine, Avian, Bovine, Canine, Ferret, Primate, Rabbit, Sheep
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information. Rabbit reactivity reported in scientific literature (PMID: 16738327, 26339038).
Immunogen	This HIF-1 alpha Antibody (H1alpha67) was developed against a fusion protein containing amino acids 432 - 528 of human HIF-1 alpha [Uniprot# Q16665].
Product Application Details	
Applications	Western Blot, Chromatin Immunoprecipitation, ELISA, Flow Cytometry, Gel Super Shift Assays, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot, Chromatin Immunoprecipitation, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunoblotting, Gel Super Shift Assays, Chromatin Immunoprecipitation (ChIP), Knockout Validated, Knockdown Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.

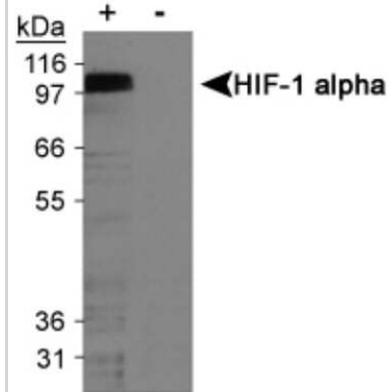


Images

Western Blot: HIF-1 alpha Antibody (H1alpha67) [HRP] [NB100-123H] - On day 1, MEF cells (+/+, -/-), were grown on 15cm dish (2x10 to the 6th cells). On day 2, cells were exposed to hypoxia for 4hrs. Cells were washed with ice cold PBS twice and whole cell protein was extracted with RIPA buffer fortified with protease. Upon quantification, 100ug of protein was fractionated on 7% polyacrylamide gel. Gel was transferred overnight onto nitrocellulose membrane. The membrane was probed with HIF-1 alpha monoclonal antibody at a 1:500 dilution (NB100-123). The secondary antibody was conjugated with HRP and was used at a 1:2500 dilution. Photo courtesy of Dr. Gregg Semenza, Johns Hopkins University.



Western Blot: HIF-1 alpha Antibody (H1alpha67) [HRP] [NB100-123H] - Detection of HIF-1 alpha in cobalt chloride treated/untreated COS-7 nuclear extracts using NB100-123.





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Products Related to NB100-123H

NB800-PC26	COS-7 Nuclear Hypoxic Induced Cell Lysate
NBP2-27231H	Mouse IgG2b Isotype Control (MPC-11) [HRP]
NB100-123B	HIF-1 alpha Antibody (H1alpha67) [Biotin]
H00003091-P01-10ug	Recombinant Human HIF-1 alpha GST (N-Term) Protein

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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