

# Product Datasheet

## HIF-1 alpha Antibody (HA111) - Azide and BSA Free NBP2-80763

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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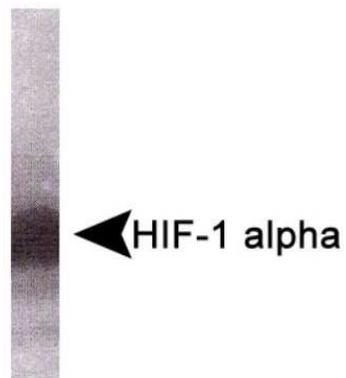
**NBP2-80763**

HIF-1 alpha Antibody (HA111) - Azide and BSA Free

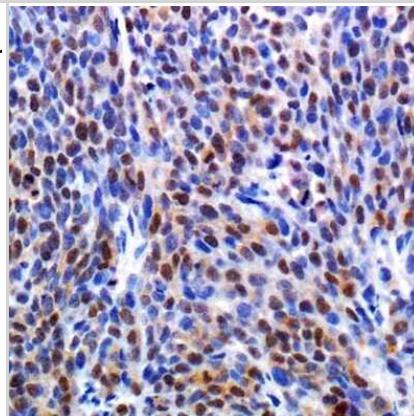
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HA111
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2 Alpha
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	93 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3091
<b>Gene Symbol</b>	HIF1A
<b>Species</b>	Human, Mouse, Rabbit
<b>Reactivity Notes</b>	Mouse reactivity reported in literature (PMID: 16738327). Rabbit reactivity reported in scientific literature (PMID: 16738327).
<b>Immunogen</b>	This HIF-1 alpha Antibody (HA111) was developed against Human HIF-1 alpha, corresponding to amino acids 329 - 530 [Uniprot# Q16665].
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 0.5 - 1.0 mg/ml, Immunohistochemistry 1:100, Immunoprecipitation 1:10 - 1:500. Use reported in scientific literature (PMID 18222538), Immunohistochemistry-Paraffin 1:100
<b>Application Notes</b>	In IHC-P, staining was observed in the nucleus of human ovarian cancer tumor. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended. Nuclear extracts should be used for Western blot analysis.

## Images

Western Blot: HIF-1 alpha Antibody (HA111) - Azide and BSA Free [NBP2-80763] - Detection of HIF-1 alpha (125-130 kDa) from human placental villous explant total protein. Image from the standard format of this antibody.



Immunohistochemistry: HIF-1 alpha Antibody (HA111) - Azide and BSA Free [NBP2-80763] - HIF-1 antibody was tested in human ovarian cancer tumor xenograft using DAB with hematoxylin counterstain. Image from the standard format of this antibody.





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### **Products Related to NBP2-80763**

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NBP3-11826	HIF-1 alpha Knockout CoCl <sub>2</sub> -treated/untreated HeLa Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
H00003091-P01-10ug	Recombinant Human HIF-1 alpha GST (N-Term) Protein

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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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