

# Product Datasheet

## ARNT/HIF-1 beta Antibody

### NBP2-54663

Unit Size: 100 ul

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

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



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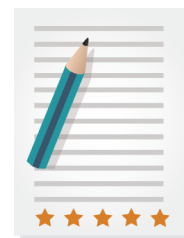
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Updated 10/6/2021 v.20.1

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**NBP2-54663****ARNT/HIF-1 beta Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Target Molecular Weight</b>	86.6 kDa

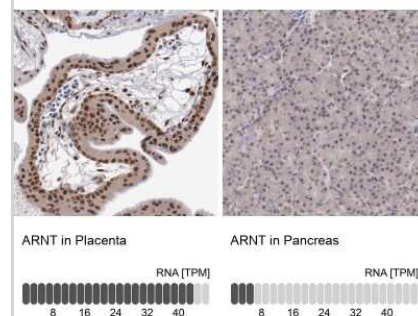
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	405
<b>Gene Symbol</b>	ARNT
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen of ARNT/HIF-1 beta Antibody displays the following percentage of sequence identity for non-tested species: Mouse (82%), Rat (83%).
<b>Immunogen</b>	ARNT/HIF-1 beta Antibody was developed against a Recombinant Protein corresponding to amino acids: RFSCLRPRVAGTTEMTSDVPSLGPASGNSGPGIQGGGAIVQRAIKRRPGLDF DDDGEGNSKFLRCDDDDQMSNDKERFARSDDEQSSADKERLARENHSEIERRR RNKMTAYITELSDMV

<b>Product Application Details</b>	
<b>Applications</b>	Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

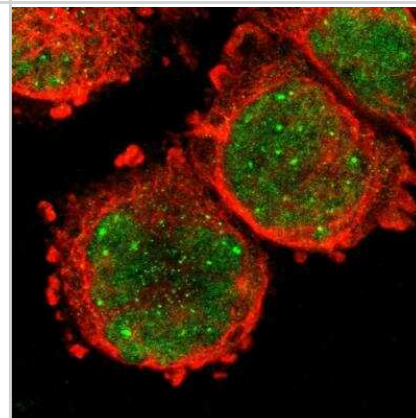


## Images

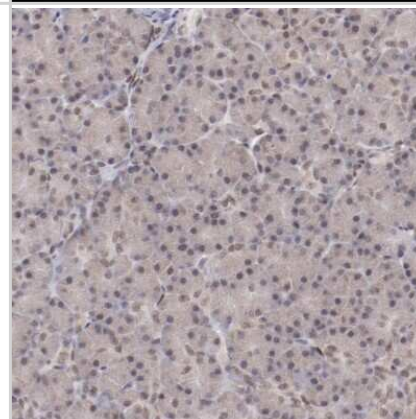
Immunohistochemistry-Paraffin: ARNT/HIF-1 beta Antibody [NBP2-54663] - Staining in human placenta and pancreas tissues using ARNT/HIF-1 beta antibody [NBP2-54663]. Corresponding ARNT RNA-seq data are presented for the same tissues.



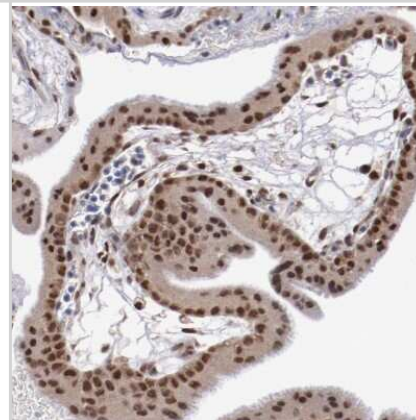
Immunocytochemistry/Immunofluorescence: ARNT/HIF-1 beta Antibody [NBP2-54663] - Staining of human cell line A-431 shows localization to nucleus & nuclear bodies. Antibody staining using ARNT/HIF-1 beta antibody [NBP2-54663] is shown in green.



Immunohistochemistry-Paraffin: ARNT/HIF-1 beta Antibody [NBP2-54663] - Staining of human pancreas with ARNT/HIF-1 beta antibody [NBP2-54663] shows low expression as expected.



Immunohistochemistry-Paraffin: ARNT/HIF-1 beta Antibody [NBP2-54663] - Staining of human placenta with ARNT/HIF-1 beta antibody [NBP2-54663] shows high expression.





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### **Products Related to NBP2-54663**

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NBP3-11826	HIF-1 alpha Knockout CoCl <sub>2</sub> -treated/untreated HeLa Cell Lysate
NBP2-54663PEP	ARNT/HIF-1 beta Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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