

# Product Datasheet

## FNDC3B Antibody - BSA Free NBP1-90495

Unit Size: 0.1 ml

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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### Publications: 3

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Updated 12/2/2025 v.20.1

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**NBP1-90495**

FNDC3B Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<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>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

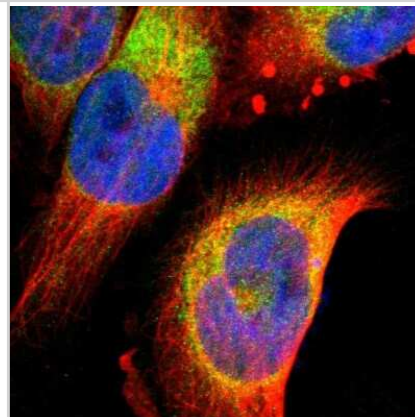
Product Description	
<b>Description</b>	Novus Biologicals Rabbit FNDC3B Antibody - BSA Free (NBP1-90495) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-FNDC3B Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	64778
<b>Gene Symbol</b>	FNDC3B
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: SIPPIHVPPGYISQVIEDSTGVRRVVVTPQSPECYPPSYPSAMSPTHHLPPYLTH HPHFIHNSHTAYYPPVTGPGDMPPQFFPQHHLPHHTIYGEQEIIPFYGMSTYITRE DQYSK

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20-1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.



**Images**

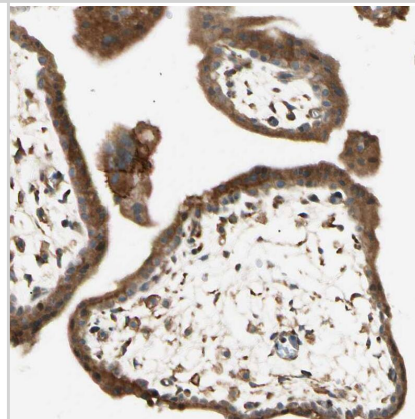
Immunocytochemistry/Immunofluorescence: FNDC3B Antibody [NBP1-90495] - Staining of human cell line U-251 MG shows localization to endoplasmic reticulum. Antibody staining is shown in green.



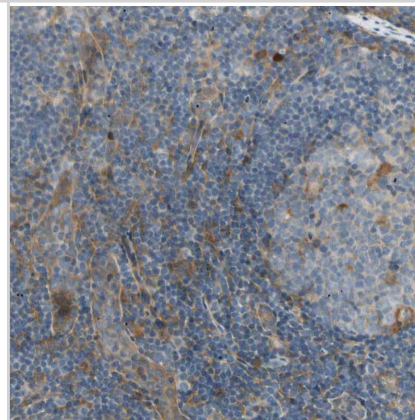
Staining of human endometrium shows strong cytoplasmic positivity in glandular cells.



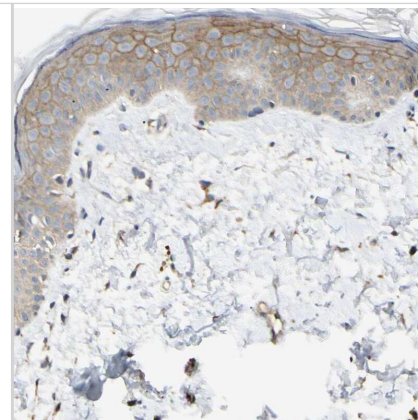
Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



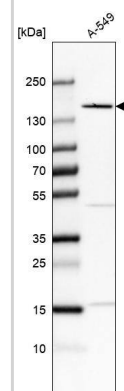
Staining of human lymphoid tissues shows weak cytoplasmic positivity in non-germinal center cells germinal center cells.



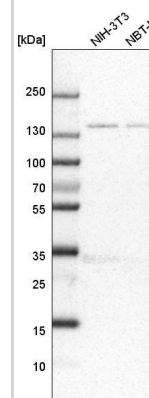
Staining of human skin shows moderate cytoplasmic membranous positivity in squamous epithelial cells.



Analysis in human cell line A-549.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



## Publications

Qiuyu Martin Zhu, Yu-Han H Hsu, Frederik H Lassen, Bryan T MacDonald, Stephanie Stead, Edyta Malolepsza, April Kim, Taibo Li, Taiji Mizoguchi, Monica Schenone, Gaelen Guzman, Benjamin Tanenbaum, Nadine Fornelos, Steven A Carr, Rajat M Gupta, Patrick T Ellinor, Kasper Lage Protein interaction networks in the vasculature prioritize genes and pathways underlying coronary artery disease. *Communications biology* 2024-01-15 [PMID: 38216744]

Fucci C, Resnati M, Riva E et al. The Interaction of the Tumor Suppressor FAM46C with p62 and FNDC3 Proteins Integrates Protein and Secretory Homeostasis *Cell Rep* 2020-09-22 [PMID: 32966780] (ICC/IF, Human)

Feng S, Han M, Zhou L et al. NS5ABP37 inhibits liver cancer by impeding lipogenesis and cholesterologenesis. *Cancer Sci* 2017-01-01 [PMID: 27862769] (Human)



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### **Products Related to NBP1-90495**

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NBP1-90495PEP	FNDC3B Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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