

# Product Datasheet

## NOLA1 Antibody - BSA Free NBP2-31742

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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### Publications: 3

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Updated 3/4/2026 v.20.1

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**NBP2-31742**

NOLA1 Antibody - BSA Free

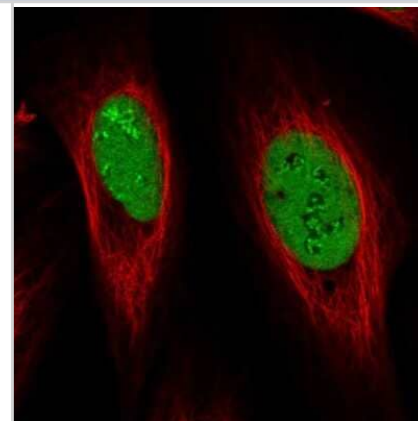
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	54433
Gene Symbol	GAR1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: GRGGFNKGQDQGPPERVLLGFLHPCEDDIVCKCTT

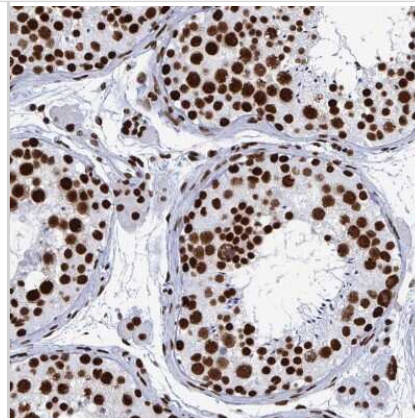
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot Reactivity reported in (PMID: 29695869), Simple Western 1:100, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in A-375, HT-1080, separated by Size, antibody dilution of 1:100

**Images**

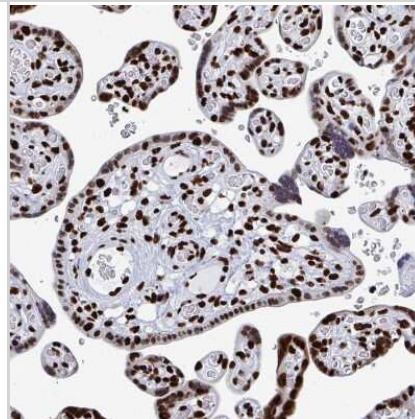
Immunocytochemistry/Immunofluorescence: NOLA1 Antibody [NBP2-31742] - Staining of human cell line U-2 OS shows localization to nucleus & nucleoli fibrillar center. Antibody staining is shown in green.



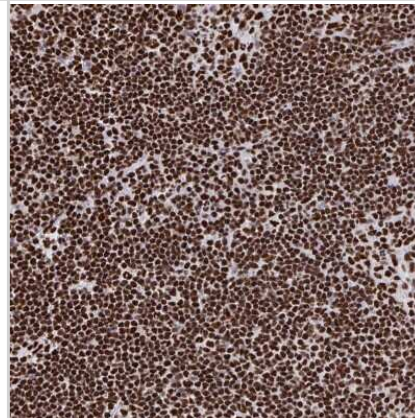
Immunohistochemistry-Paraffin: NOLA1 Antibody [NBP2-31742] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



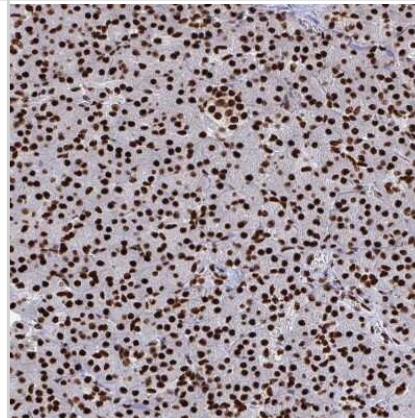
Immunohistochemistry-Paraffin: NOLA1 Antibody [NBP2-31742] - Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



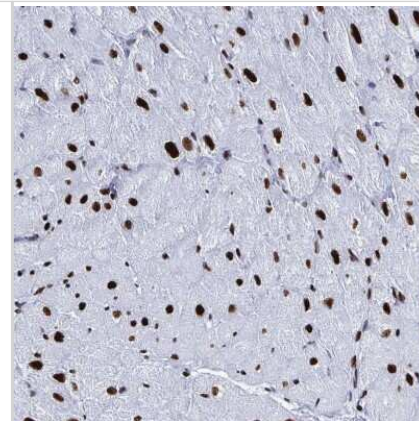
Immunohistochemistry-Paraffin: NOLA1 Antibody [NBP2-31742] - Staining of human lymph node shows strong nuclear positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: NOLA1 Antibody [NBP2-31742] - Staining of human pancreas shows strong nuclear positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: NOLA1 Antibody [NBP2-31742] - Staining of human heart muscle shows strong nuclear positivity in cardiomyocytes.



## Publications

Zyner KG, Mulhearn DS, Adhikari S, Martínez Cuesta S et Al. Genetic interactions of G-quadruplexes in humans *Elife* 2019-07-10 [PMID: 31287417]

Malinski B, Vertemara J, Faustini E et al. Novel pathological variants of NHP2 affect N-terminal domain flexibility, protein stability, H/ACA RNP complex formation and telomerase activity *Human molecular genetics* 2023-07-13 [PMID: 37440454] (WB, Human)

Nguyen THD, Tam J, Wu RA et al. Cryo-EM structure of substrate-bound human telomerase holoenzyme *Nature* 2018-05-01 [PMID: 29695869] (WB, Human)



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### **Products Related to NBP2-31742**

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NBP2-31742PEP	NOLA1 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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