

# Product Datasheet

## **NOP56 Antibody (CL2603) - Azide and BSA Free NBP3-44458**

Unit Size: 100 ug

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

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**NBP3-44458**

NOP56 Antibody (CL2603) - Azide and BSA Free

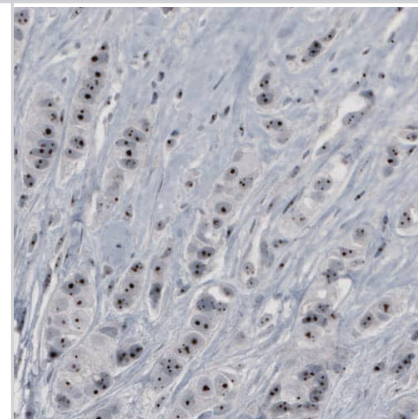
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2603
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	10528
Gene Symbol	NOP56
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of O00567, with the exact immunogen sequence remaining proprietary.

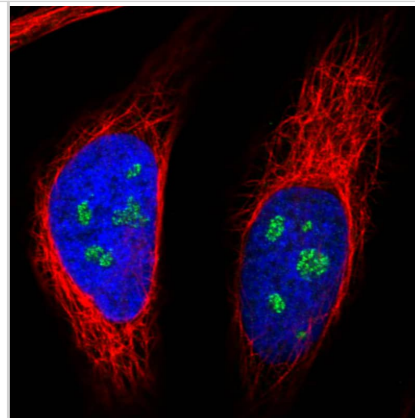
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/ Immunofluorescence/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

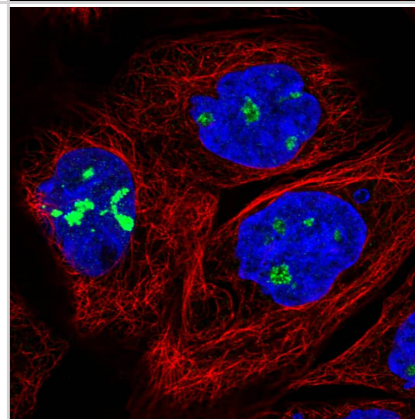
Staining of human breast cancer shows strong nucleolar positivity in tumor cells.



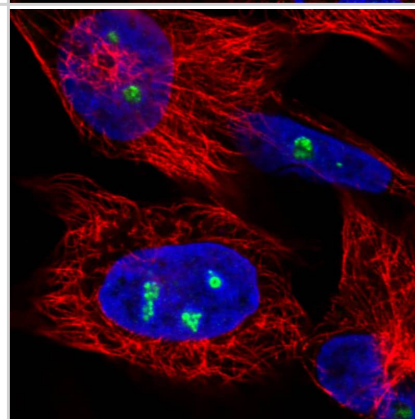
Staining in HeLa cell line with Anti-NOP56 monoclonal antibody) .



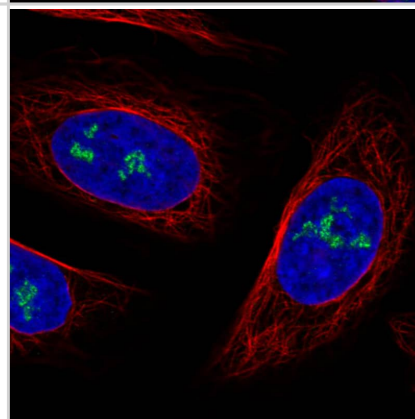
Staining in A431 cell line with Anti-NOP56 monoclonal antibody) .



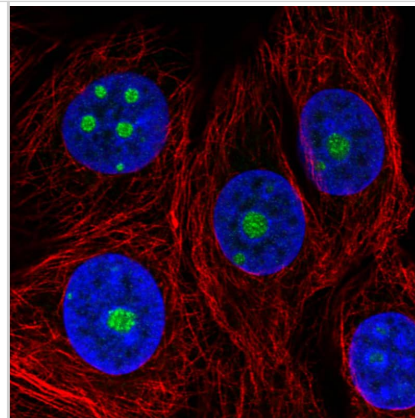
Staining in U251 cell line with Anti-NOP56 monoclonal antibody) .



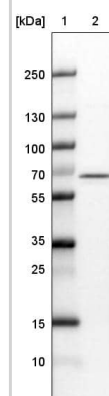
Staining in U2OS cell line with Anti-NOP56 monoclonal antibody) .



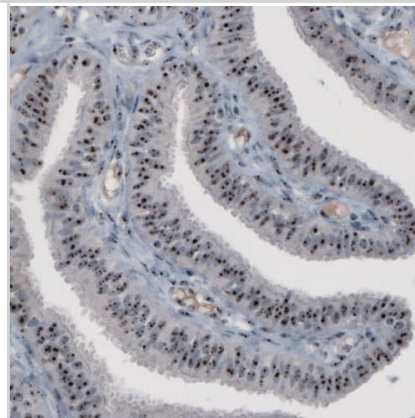
Staining in MCF7 cell line with Anti-NOP56 monoclonal antibody) .



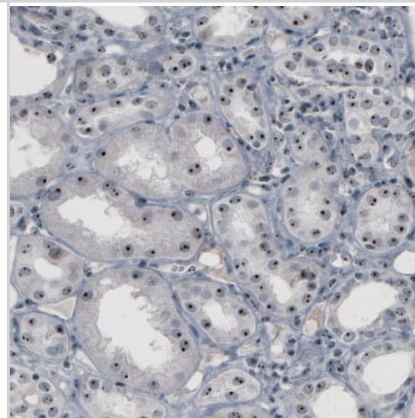
Lane 1: Marker [kDa]  
Lane 2: Human cell line U-251 MG



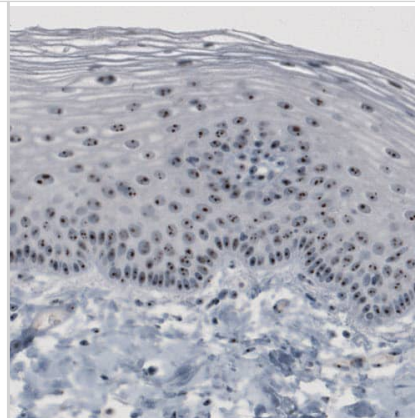
Staining of human fallopian tube shows strong nucleolar immunoreactivity in glandular and connective tissue cells.



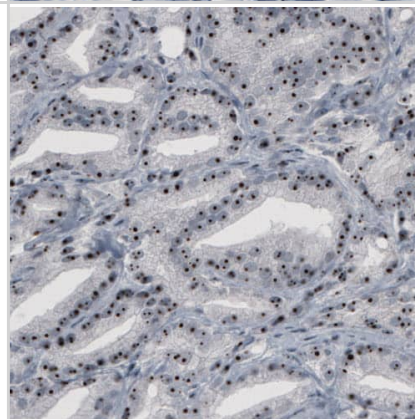
Staining of human kidney shows strong nucleolar positivity in renal tubules.



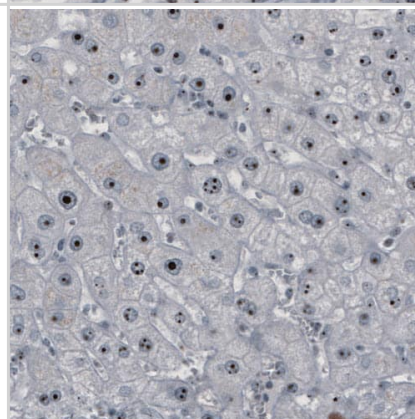
Staining of human cervix shows strong nucleolar immunoreactivity in the epithelial cells.



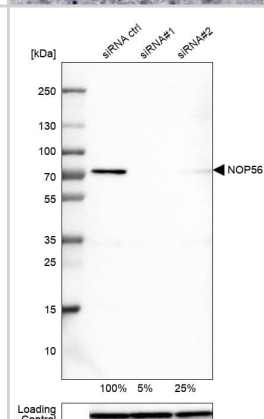
Staining of human prostate cancer shows strong nucleolar positivity in glandular cells.



Staining of human liver shows strong nucleolar positivity in hepatocytes.



Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-NOP56 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.







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### **Products Related to NBP3-44458**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00010528-P01-10ug	Recombinant Human NOP56 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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