

# Product Datasheet

## SIN3A Antibody - BSA Free

### NBP2-38949

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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**NBP2-38949**

SIN3A 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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

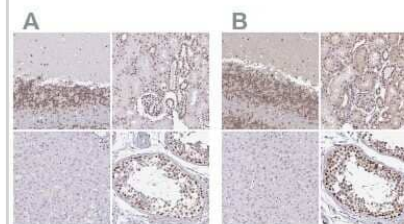
<b>Description</b>	Novus Biologicals Rabbit SIN3A Antibody - BSA Free (NBP2-38949) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	25942
<b>Gene Symbol</b>	SIN3A
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: LDDQESPVYAAQRRIPGSTAEPHQHRVLAPAPPVYEAVSETMQSATGIQYS VTPSYQVSAMPQSSGSHGPAIAAVHSSHHPTAVQPHGGQVV

**Product Application Details**

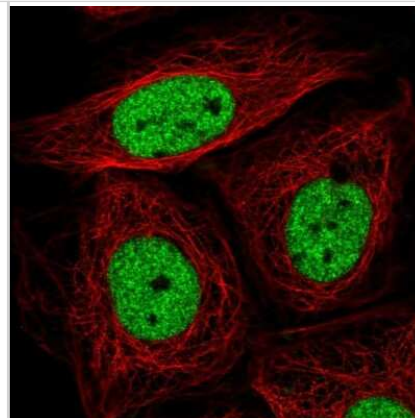
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
<b>Recommended Dilutions</b>	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

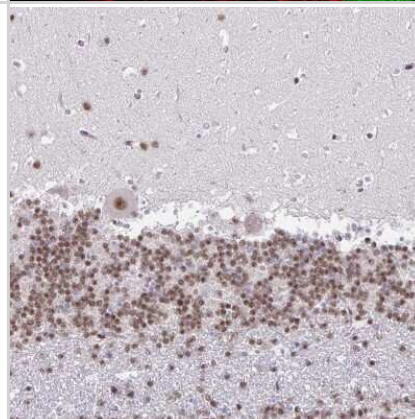
Immunohistochemistry-Paraffin: SIN3A Antibody [NBP2-38949] - Staining of human cerebellum, kidney, liver and testis using Anti-SIN3A antibody NBP2-38949 (A) shows similar protein distribution across tissues to independent antibody NBP2-38564 (B).



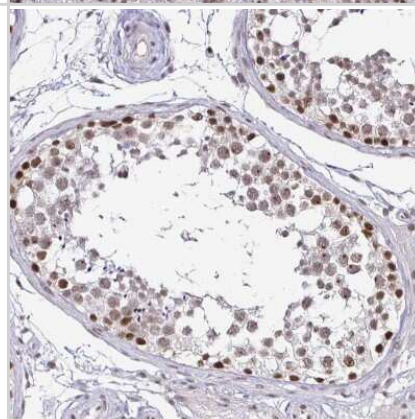
Immunocytochemistry/Immunofluorescence: SIN3A Antibody [NBP2-38949] - Immunofluorescent staining of human cell line SiHa shows localization to nucleoplasm.



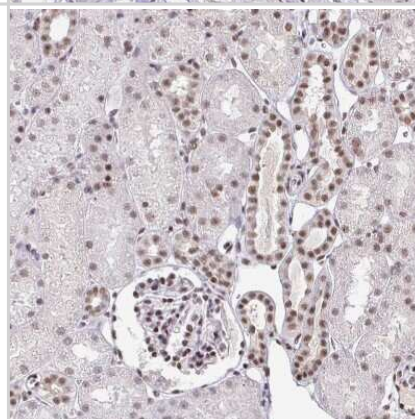
Immunohistochemistry-Paraffin: SIN3A Antibody [NBP2-38949] - Staining of human cerebellum shows moderate nuclear positivity in all layers.



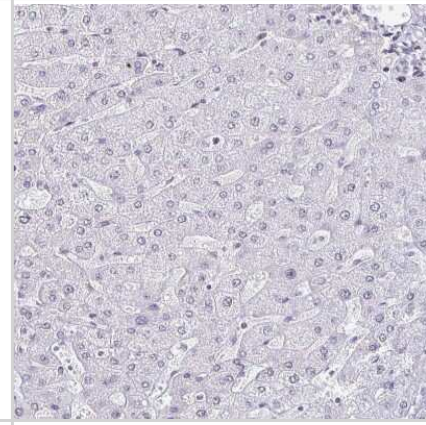
Immunohistochemistry-Paraffin: SIN3A Antibody [NBP2-38949] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



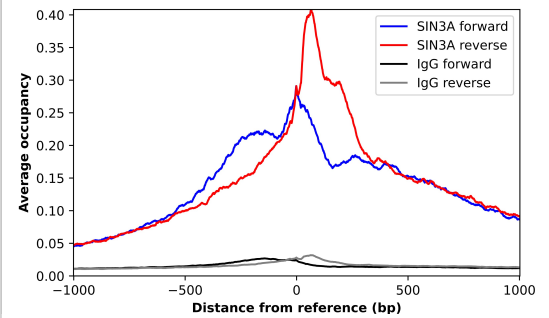
Immunohistochemistry-Paraffin: SIN3A Antibody [NBP2-38949] - Staining of human kidney shows moderate to strong nuclear positivity in cells in tubules.



Immunohistochemistry-Paraffin: SIN3A Antibody [NBP2-38949] -  
Staining of human liver shows no positivity in hepatocytes as expected.



ChIP-Exo-Seq composite graph for Anti-SIN3A (NBP2-38949) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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### **Products Related to NBP2-38949**

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NBP2-38949PEP	SIN3A 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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