

# Product Datasheet

## Sortilin Antibody (CL6526) - Azide and BSA Free NBP3-44414

Unit Size: 100 ug

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

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**NBP3-44414**

Sortilin Antibody (CL6526) - Azide and BSA Free

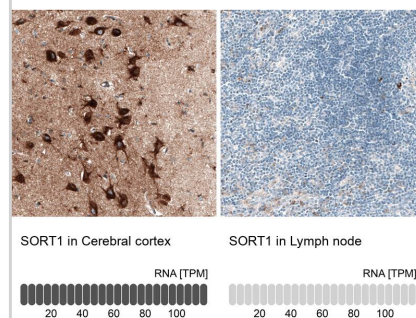
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL6526
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2b
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Description	Novus Biologicals Mouse Sortilin Antibody (CL6526) - Azide and BSA Free (NBP2-76498) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6272
Gene Symbol	SORT1
Species	Human, Mouse
Immunogen	This antibody was generated using a recombinant protein sequence of Q99523, with the exact immunogen sequence remaining proprietary.

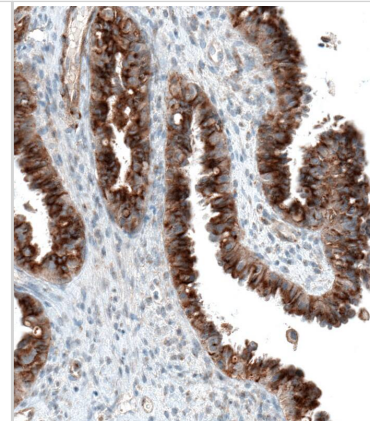
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence/IF, Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

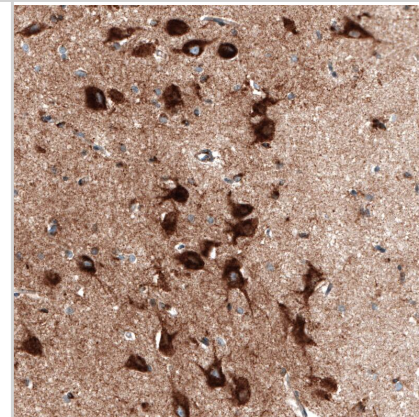
Analysis in human cerebral cortex and lymph node tissues using NBP3-44414 antibody. Corresponding Sortilin RNA-seq data are presented for the same tissues.



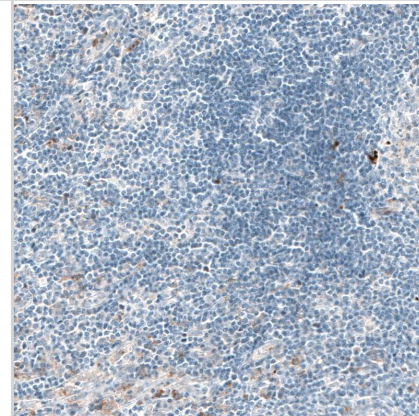
Staining of human fallopian tube shows moderate to strong cytoplasmic positivity in glandular cells.



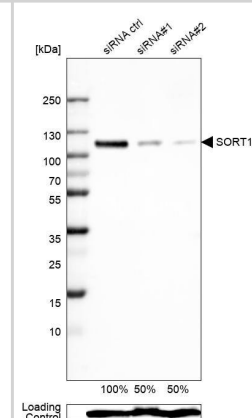
Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



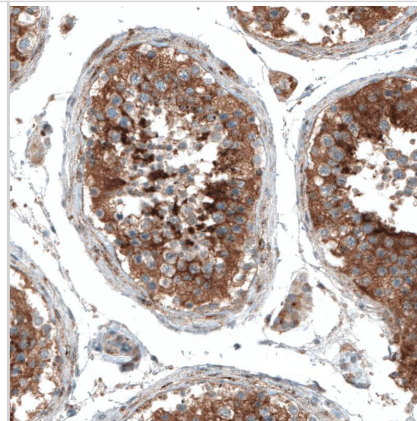
Staining of human lymph node shows only weak positivity in a subset of lymphoid cells, as expected.



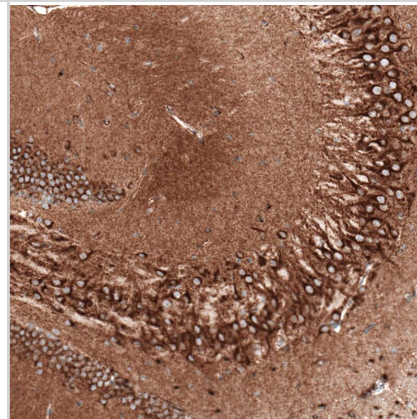
Analysis in Rh30 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-Sortilin antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



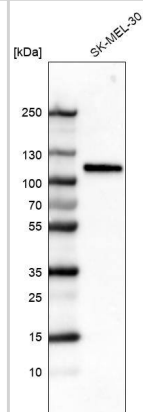
Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



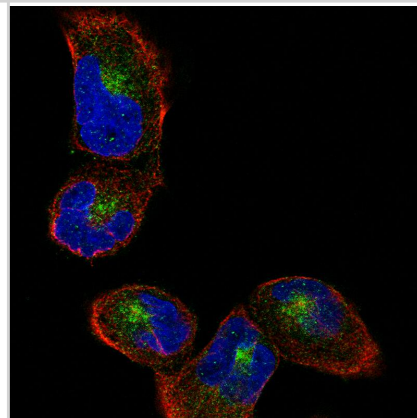
Staining of mouse hippocampus shows strong cytoplasmic positivity in both pyramidal neurons and granular cells.



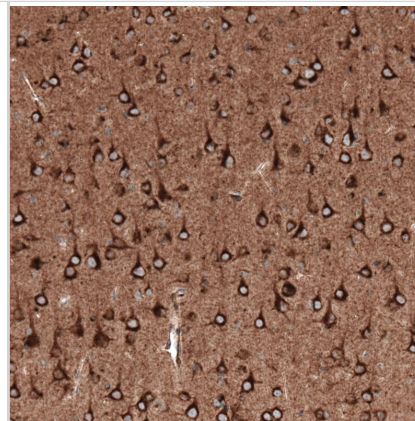
Analysis in human cell line SK-MEL-30.



Staining of RH-30 cells using the Anti-Sortilin monoclonal antibody).



Staining of mouse cerebral cortex shows strong cytoplasmic positivity in neurons.





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### **Products Related to NBP3-44414**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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