

# Product Datasheet

## Sortilin Antibody (CL6526) - BSA Free NBP2-76498

Unit Size: 100 ul

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

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**NBP2-76498**

Sortilin Antibody (CL6526) - BSA Free

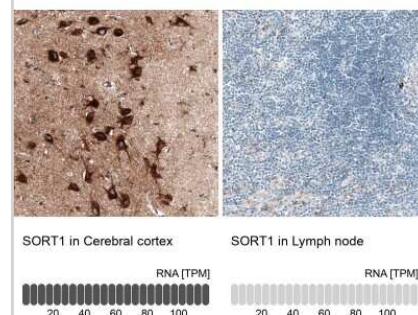
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL6526
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse Sortilin Antibody (CL6526) - 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
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%)
Immunogen	This antibody was developed using a recombinant protein derived from Q99523, with the exact immunogen sequence remaining proprietary.

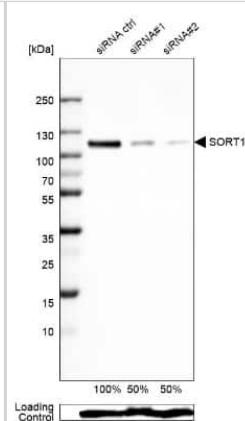
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml,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

**Images**

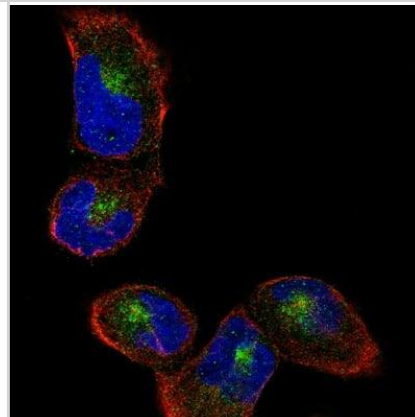
Immunohistochemistry-Paraffin: Sortilin Antibody (CL6526) [NBP2-76498] - Analysis in human cerebral cortex and lymph node tissues. Corresponding SORT1 RNA-seq data are presented for the same tissues.



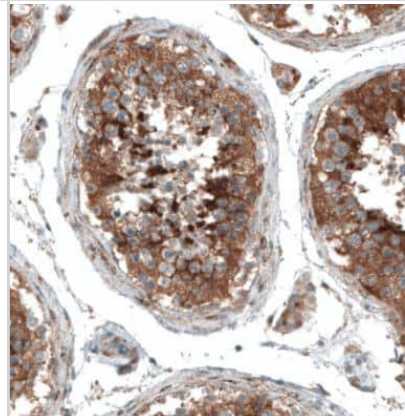
Western Blot: Sortilin Antibody (CL6526) [NBP2-76498] - Analysis in Rh30 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-SORT1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



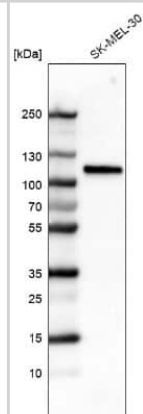
Immunocytochemistry/Immunofluorescence: Sortilin Antibody (CL6526) [NBP2-76498] - Staining of RH-30 cells using the Anti-SORT1 monoclonal antibody, showing specific staining of the golgi apparatus in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



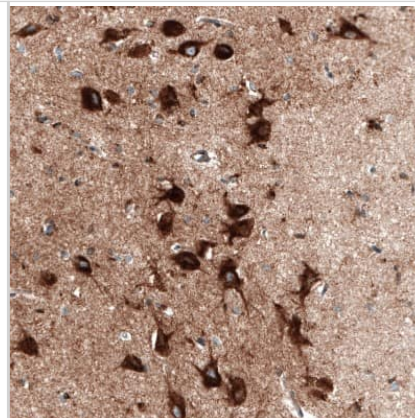
Immunohistochemistry-Paraffin: Sortilin Antibody (CL6526) [NBP2-76498] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



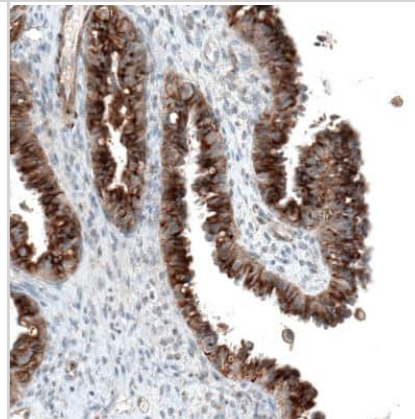
Western Blot: Sortilin Antibody (CL6526) [NBP2-76498] - Analysis in human cell line SK-MEL-30.



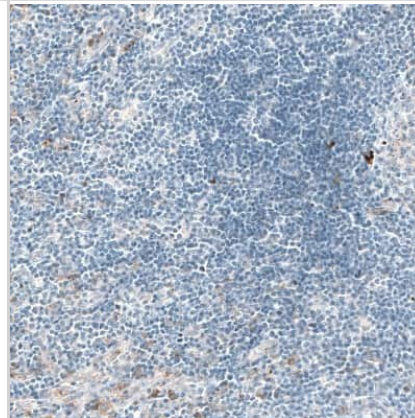
Immunohistochemistry-Paraffin: Sortilin Antibody (CL6526) [NBP2-76498] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: Sortilin Antibody (CL6526) [NBP2-76498] - Staining of human fallopian tube shows moderate to strong cytoplasmic positivity in glandular cells.



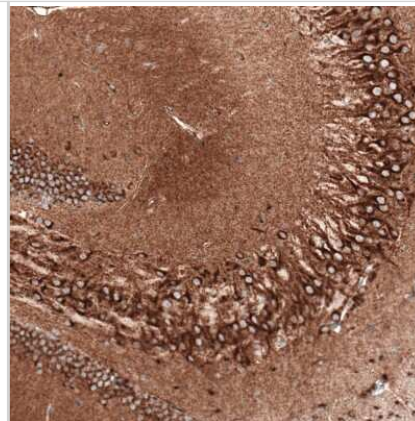
Immunohistochemistry-Paraffin: Sortilin Antibody (CL6526) [NBP2-76498] - Staining of human lymph node shows only weak positivity in a subset of lymphoid cells, as expected.



Immunohistochemistry-Paraffin: Sortilin Antibody (CL6526) [NBP2-76498] - Staining of mouse cerebral cortex shows strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: Sortilin Antibody (CL6526) [NBP2-76498] - Staining of mouse hippocampus shows strong cytoplasmic positivity in both pyramidal neurons and granular cells.





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### **Products Related to NBP2-76498**

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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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