

# Product Datasheet

## Sortilin Antibody (CL6526)

### NBP3-52483

Unit Size: 100 ug

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

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**NBP3-52483**

Sortilin Antibody (CL6526)

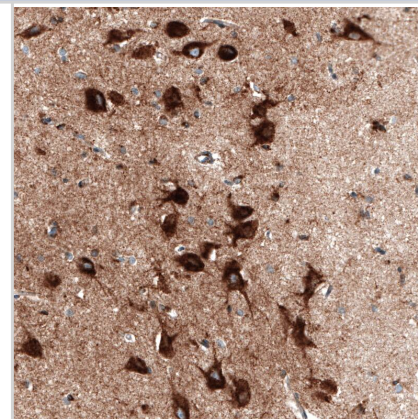
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL6526
Preservative	0.02% Sodium Azide
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 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	
Host	Mouse
Gene ID	6272
Gene Symbol	SORT1
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from Q99523, with the exact immunogen sequence remaining proprietary.

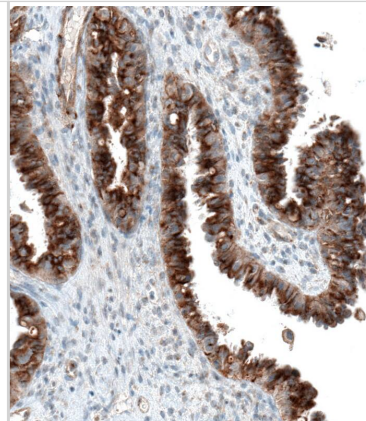
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

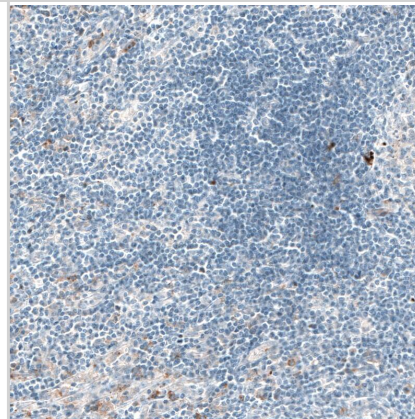
Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



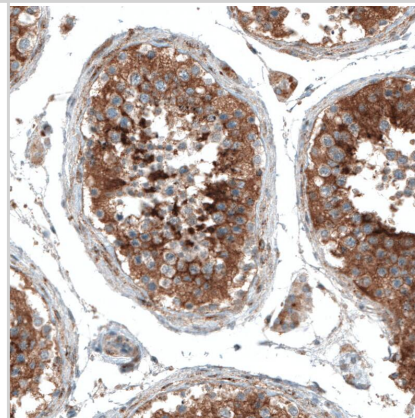
Staining of human fallopian tube shows moderate to strong cytoplasmic positivity in glandular cells.



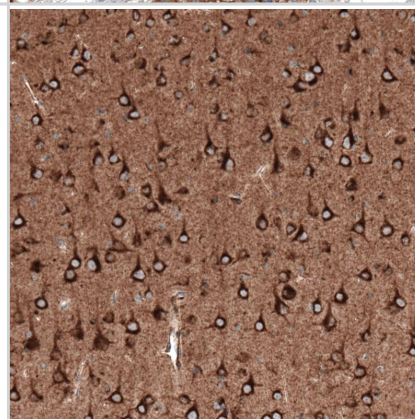
Staining of human lymph node shows only weak positivity in a subset of lymphoid cells, as expected.



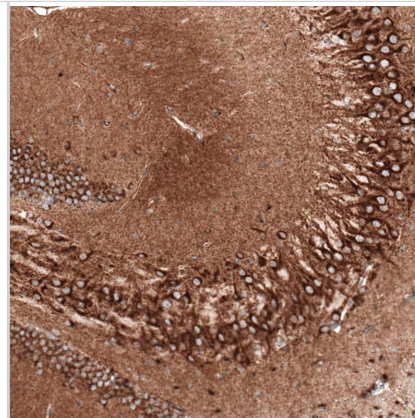
Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



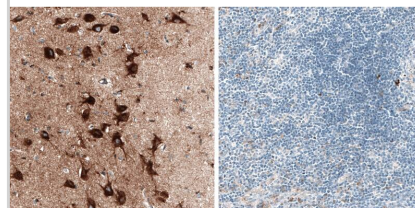
Staining of mouse cerebral cortex shows strong cytoplasmic positivity in neurons.



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

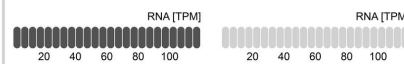


Analysis in human cerebral cortex and lymph node tissues. Corresponding RNA-seq data are presented for the same tissues.

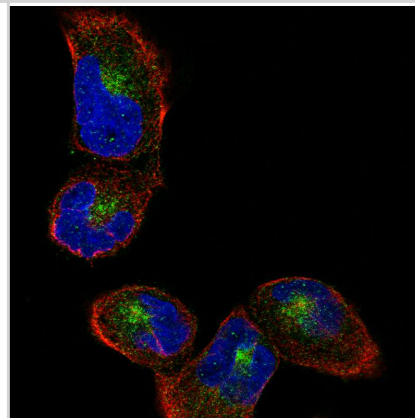


SORT1 in Cerebral cortex

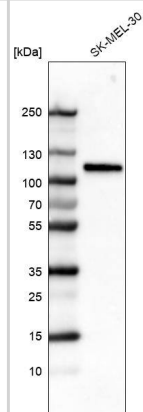
SORT1 in Lymph node



Staining of RH-30 cells showing specific staining of the Golgi apparatus in green. Microtubule and nuclear probes are visualized in red and blue, respectively (where available).



Analysis in human cell line SK-MEL-30.





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### **Products Related to NBP3-52483**

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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)
NBP1-89745PEP	Sortilin Recombinant Protein Antigen

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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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