

# Product Datasheet

## Sortilin Antibody - BSA Free

### NBP1-89745

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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#### Publications: 1

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Updated 2/21/2025 v.20.1

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**NBP1-89745**

Sortilin Antibody - BSA Free

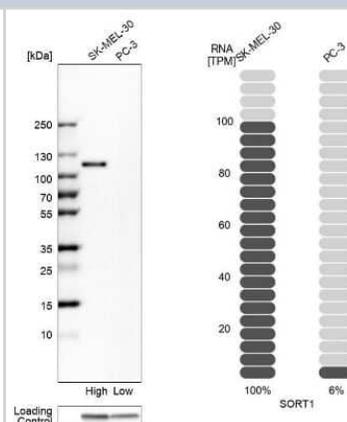
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	6272
Gene Symbol	SORT1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%), Rat (89%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LERNCEEKDYTIWLAHSTDPEDYEDGCILGYKEQFLRLRKSSVCQNGRDYVVT KQPSICLCSLEDFLCDFGYRPENDSKCVEQPELKGHDLEFCLYGREEHLTTN GYRKIPGDKCQGGVNPVREVKD

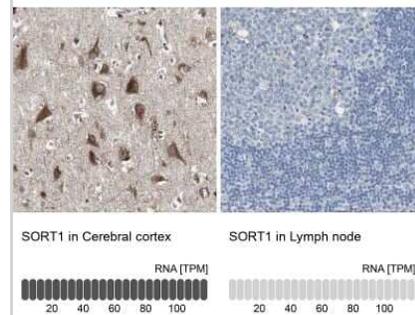
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20-1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

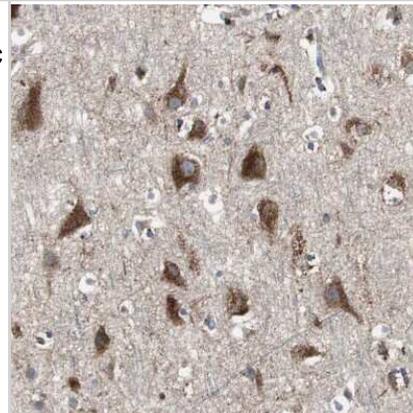
Western Blot: Sortilin Antibody [NBP1-89745] - Analysis in human cell lines SK-MEL-30 and PC-3 using anti-SORT1 antibody. Corresponding SORT1 RNA-seq data are presented for the same cell lines. Loading control: anti-GAPDH.



Immunohistochemistry-Paraffin: Sortilin Antibody [NBP1-89745] - Staining in human cerebral cortex and lymph node tissues using NBP1-89745 antibody. Corresponding SORT1 RNA-seq data are presented for the same tissues.



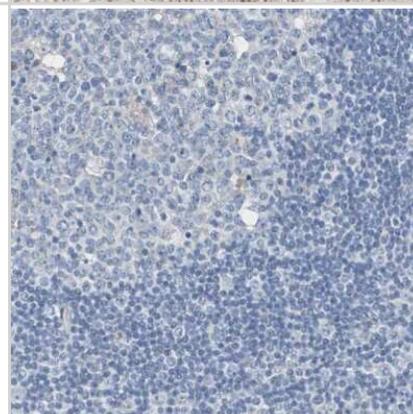
Immunohistochemistry-Paraffin: Sortilin Antibody [NBP1-89745] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



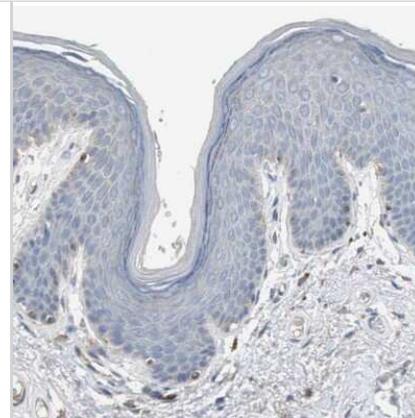
Immunohistochemistry-Paraffin: Sortilin Antibody [NBP1-89745] - Staining of human hippocampus shows strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: Sortilin Antibody [NBP1-89745] - Staining of human lymph node shows no positivity in non-germinal center cells as expected.



Immunohistochemistry-Paraffin: Sortilin Antibody [NBP1-89745] - Staining of human skin shows no positivity in squamous epithelial cells as expected.



## Publications

Qiu S, Nikolaou S, Zhu J et al. Characterisation of the Expression of Neurotensin and Its Receptors in Human Colorectal Cancer and Its Clinical Implications *Biomolecules* 2020-08-05 [PMID: 32764278] (IHC-P, Human)



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### **Products Related to NBP1-89745**

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NBP1-89745PEP	Sortilin 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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