

# Product Datasheet

## Sphingosine Kinase 1/SPHK1 Antibody - BSA Free NB110-40449

Unit Size: 0.05 mg

Keep as concentrated solution. Aliquot and store at -20C or below. Avoid multiple freeze-thaw cycles.

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**NB110-40449****Sphingosine Kinase 1/SPHK1 Antibody - BSA Free****Product Information**

<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Keep as concentrated solution. Aliquot and store at -20C or below. Avoid multiple freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS

**Product Description**

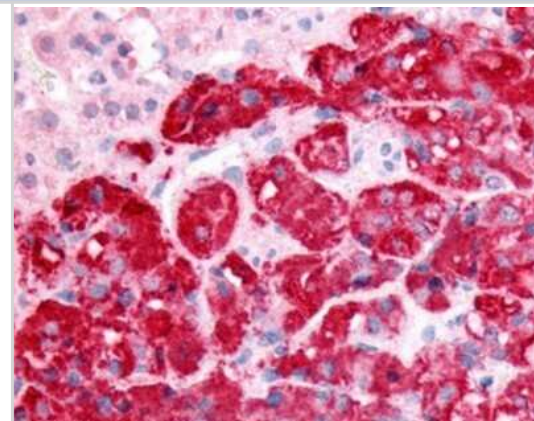
<b>Description</b>	Product can be stored undiluted at 4C for up to 1 month.
<b>Host</b>	Rabbit
<b>Gene ID</b>	8877
<b>Gene Symbol</b>	SPHK1
<b>Species</b>	Human, Monkey
<b>Reactivity Notes</b>	Predicted cross-reactivity based on sequence identity: Gibbon (100%), Gorilla (93%), Equine (87%), Mouse (80%), Rat (80%), Bovine (80%).
<b>Specificity/Sensitivity</b>	Human Sphingosine Kinase 1/SPHK1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
<b>Immunogen</b>	Synthetic 15 amino acid peptide from N-terminus of human Sphingosine Kinase 1/SPHK1.

**Product Application Details**

<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin 10 ug/ml

**Images**

Immunohistochemistry-Paraffin: Sphingosine Kinase 1/SPHK1 Antibody - BSA Free [NB110-40449] - Analysis of anti-SPHK1 antibody with human adrenal, pheochromocytes at concentration 10 ug/ml.



## Publications

Hanker LC, El-Balat A, Drosos Z et al. Sphingosine-kinase-1 expression is associated with improved overall survival in high-grade serous ovarian cancer Journal of cancer research and clinical oncology 2021-03-03 [PMID: 33660008] (IHC-P, Human)

Ruckhaberle E, Rody A, Engels K et al. Microarray analysis of altered sphingolipid metabolism reveals prognostic significance of sphingosine kinase 1 in breast cancer. Breast Cancer Res Treat. 2008-11-01 [PMID: 18058224] (IHC-P, Human)

Details:

IHC (paraffin), human breast tissue, Fig. 9A,B.

Ruckhaberle E, Karn T, Denkert C et al. Predictive value of sphingosine kinase 1 expression in neoadjuvant treatment of breast cancer. J Cancer Res Clin Oncol. 2013-10-01 [PMID: 23955546]





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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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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