

Product Datasheet

SPFH2 Antibody NB100-1884

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1884

SPFH2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	11160
Gene Symbol	ERLIN2
Species	Human, Mouse
Reactivity Notes	Chinese Hamster reactivity reported in scientific literature (PMID: 21343306).
Specificity/Sensitivity	This antibody is expected to recognise isoform 1 (NP_009106) only.
Immunogen	Peptide with sequence C-EDEPLETATKEN corresponding to C-Terminus according to NP_009106.1.

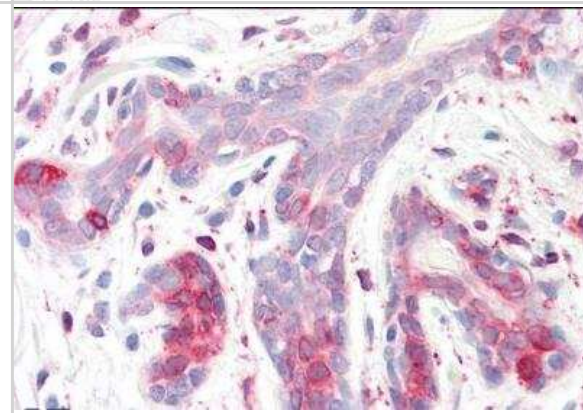
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA Detection limit 1:2000
Application Notes	WB: Approx. 43 kDa band observed in human breast lysates and in lysates of human breast cancer (PMID: 17502376). IHC: Paraffin embedded Human Breast.

Images

Western Blot: SPFH2 Antibody [NB100-1884] - Analysis of SPFH2 on Human Breast lysate using this antibody at 1 ug/ml (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

Immunohistochemistry-Paraffin: SPFH2 Antibody [NB100-1884] - staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Ahmed M. O. Elbatsh, Ali Amin-Mansour, Anne Haberkorn, Claudia Textor, Nicolas Ebel, Emilie Renard, Lisa M. Koch, Femke C. Groenveld, Michelle Piquet, Ulrike Naumann, David A. Ruddy, Vincent Romanet, Julia M. Martínez Gómez, Matthew D. Shirley, Peter Wipfli, Christian Schnell, Markus Wartmann, Martin Rausch, Martine J. Jager, Mitchell P. Levesque, Sauveur-Michel Maira, Eusebio Manchado INPP5A phosphatase is a synthetic lethal target in GNAQ and GNA11-mutant melanomas *Nature Cancer* 2024-01-17 [PMID: 38233483]

Garcia MJ, Pole JC, Chin SF et al. A 1 Mb minimal amplicon at 8p11-12 in breast cancer identifies new candidate oncogenes. *Oncogene* 2005-08-04 [PMID: 15897872]

Pearce MM, Wang Y, Kelley GG et al. SPFH2 mediates the endoplasmic reticulum-associated degradation of inositol 1,4,5-trisphosphate receptors and other substrates in mammalian cells. *J Biol Chem* 2007-07-01 [PMID: 17502376]

Jo Y, Sguigna PV, Debose-Boyd RA. Membrane-associated Ubiquitin ligase complex containing gp78 mediates sterol-accelerated degradation of 3-hydroxy-3-methylglutaryl coenzyme a reductase. *J Biol Chem.* 2011-02-22 [PMID: 21343306]



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Products Related to NB100-1884

NB820-59203	Human Breast Whole Tissue Lysate (Adult Whole Normal)
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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