

# Product Datasheet

## SPFH2 Antibody - BSA Free

### NBP1-88247

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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**NBP1-88247**

SPFH2 Antibody - BSA Free

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

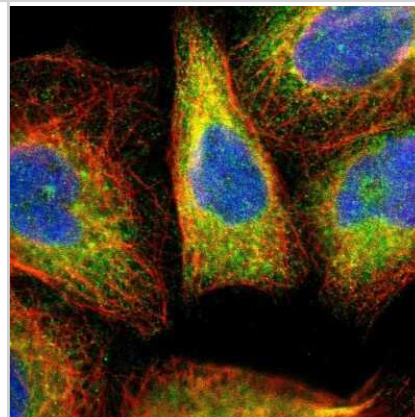
Product Description	
<b>Description</b>	Novus Biologicals Rabbit SPFH2 Antibody - BSA Free (NBP1-88247) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SPFH2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	11160
<b>Gene Symbol</b>	ERLIN2
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: KTKLLIAAQKQKVVEKEAETERKKALIEAEKVAQVAEITYGQKVMETEKTEKKISEI EDAAFLAREKAKADAECYTAMKIAEANKLKLTPPEYLQLMKYKAIASNSKIYFGKD IPNMFMDSAGSVSKQFEGGLADKLSFGLEDEPLETATK

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

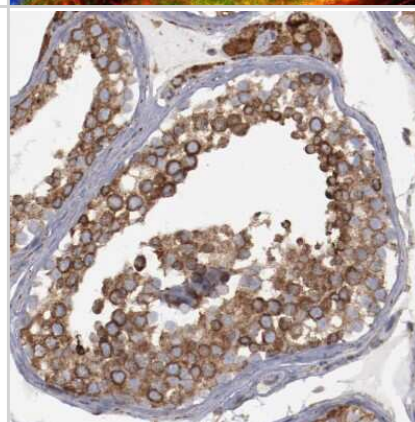


**Images**

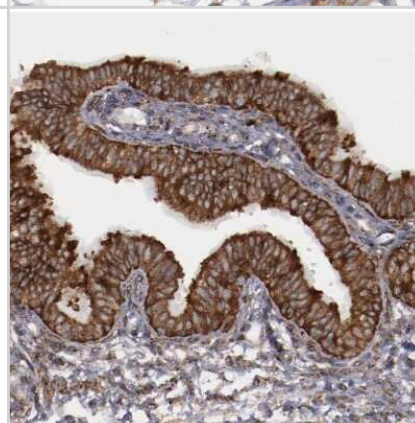
Immunocytochemistry/Immunofluorescence: SPFH2 Antibody [NBP1-88247] - Immunofluorescent staining of human cell line A-431 shows localization to endoplasmic reticulum. Antibody staining is shown in green.



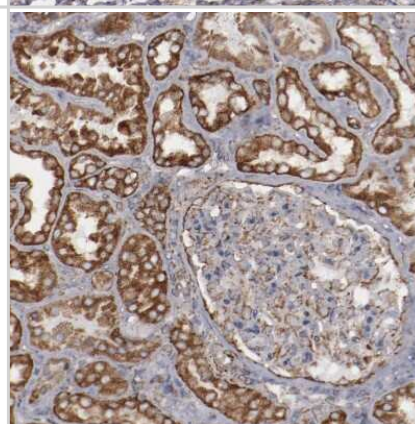
Immunohistochemistry-Paraffin: SPFH2 Antibody [NBP1-88247] - Staining of human testis shows moderate granular cytoplasmic positivity in cells in seminiferous ducts.



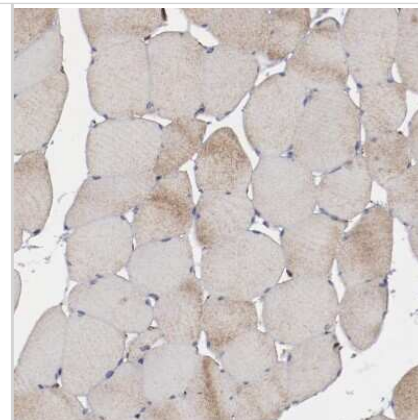
Immunohistochemistry-Paraffin: SPFH2 Antibody [NBP1-88247] - Staining of human Fallopian tube shows strong granular cytoplasmic positivity in glandular cells.



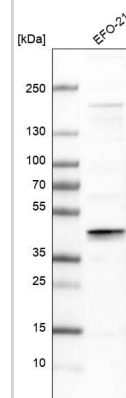
Immunohistochemistry-Paraffin: SPFH2 Antibody [NBP1-88247] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



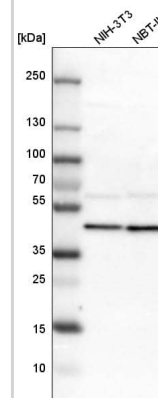
Immunohistochemistry-Paraffin: SPFH2 Antibody [NBP1-88247] - Staining of human skeletal muscle shows very weak positivity in myocytes as expected.



Analysis in human cell line EFO-21.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



## Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. *Nat Methods* 2013-04-01 [PMID: 23435261]

HollDG, Burleigh A, Git A et al. ZNF703 is a common Luminal B breast cancer oncogene that differentially regulates luminal and basal progenitors in human mammary epithelium. *EMBO Mol Med* 2011-03-01 [PMID: 21337521]

Mulder J, Bjorling E, Jonasson K et al. Tissue Profiling of the Mammalian Central Nervous System Using Human Antibody-based Proteomics. *Mol Cell Proteomics* 2009-07-01 [PMID: 19351664]



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### **Products Related to NBP1-88247**

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NBP1-88247PEP	SPFH2 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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