

# Product Datasheet

## VEPH1 Antibody - BSA Free

### NBP1-82291

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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**NBP1-82291**

VEPH1 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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

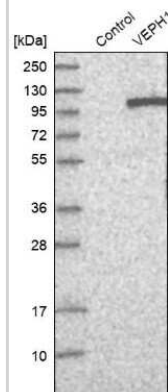
<b>Host</b>	Rabbit
<b>Gene ID</b>	79674
<b>Gene Symbol</b>	VEPH1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: RAGDLFSLDDSEIEDSLTEALEQIKIISSSSDYQTNNNDQAVVEICITRITTAIRET ESIEKHAKALVGLWDSCLEHNLRPFGKDEDTPHAKIASDIMSCILQNYNRPPVM ALAIPIAVKFLHRGNKELCRNMS

**Product Application Details**

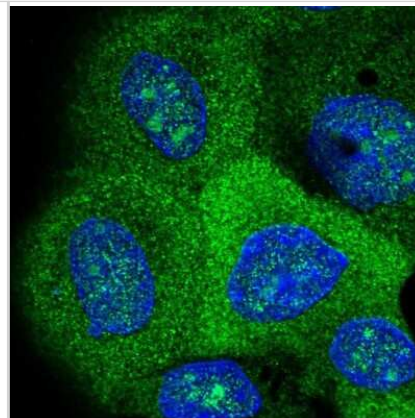
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:100-1:500, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20-1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

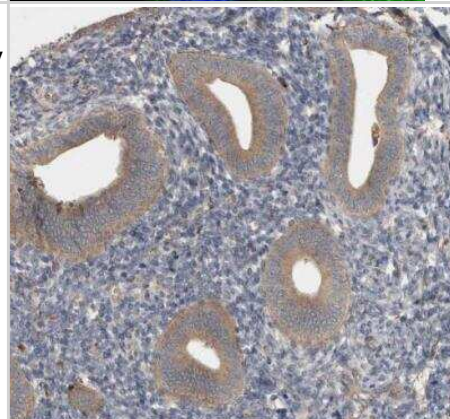
Western Blot: VEPH1 Antibody [NBP1-82291] - Analysis in control (vector only transfected HEK293T lysate) and VEPH1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



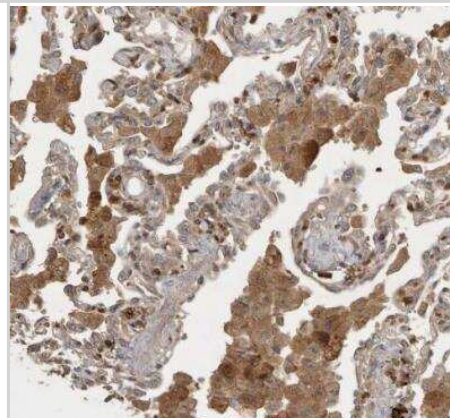
Immunocytochemistry/Immunofluorescence: VEPH1 Antibody [NBP1-82291] - Staining of human cell line A-431 shows localization to nucleus, nucleoli & cytosol. Antibody staining is shown in green.



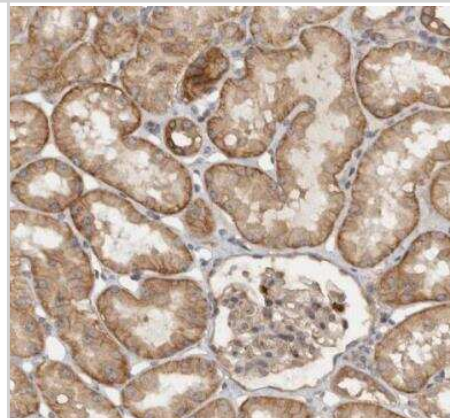
Immunohistochemistry-Paraffin: VEPH1 Antibody [NBP1-82291] - Staining of human endometrium shows very weak membranous positivity in glandular cells.



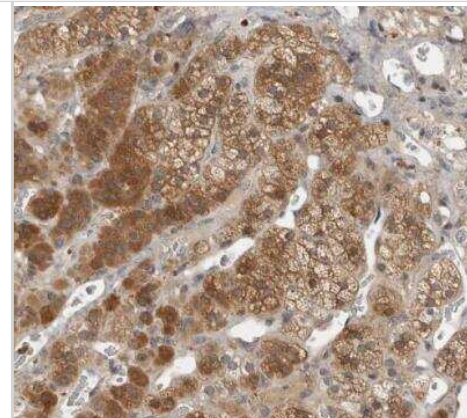
Immunohistochemistry-Paraffin: VEPH1 Antibody [NBP1-82291] - Staining of human lung shows strong cytoplasmic positivity in macrophages and alveolar cells.



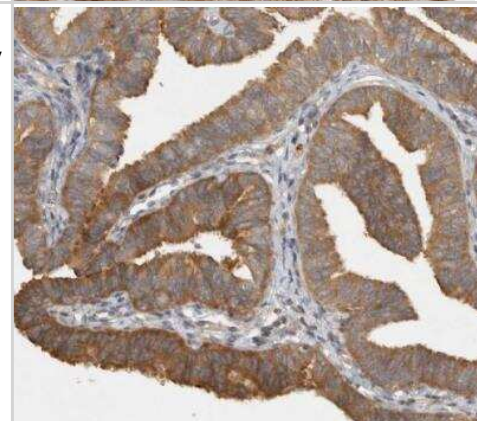
Immunohistochemistry-Paraffin: VEPH1 Antibody [NBP1-82291] - Staining of human kidney shows strong membranous positivity in cells in tubules.



Immunohistochemistry-Paraffin: VEPH1 Antibody [NBP1-82291] - Staining of human adrenal gland shows strong membranous and cytoplasmic positivity in positivity in glandular cells.



Immunohistochemistry-Paraffin: VEPH1 Antibody [NBP1-82291] - Staining of human fallopian tube shows moderate membranous positivity in glandular cells.



## Publications

Shi X, Xu C, Li Y et al. A novel role of VEPH1 in regulating AoSMC phenotypic switching J. Cell. Physiol. 2020-04-27 [PMID: 32342520]



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### **Products Related to NBP1-82291**

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NBP1-82291PEP	VEPH1 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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