

# Product Datasheet

## VPS26A Antibody (CL2287) - BSA Free NBP2-36754

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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**NBP2-36754**

VPS26A Antibody (CL2287) - 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>	Monoclonal
<b>Clone</b>	CL2287
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

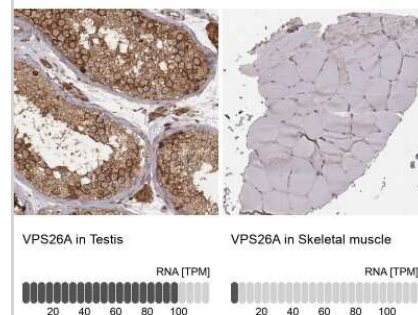
<b>Host</b>	Mouse
<b>Gene ID</b>	9559
<b>Gene Symbol</b>	VPS26A
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from O75436, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

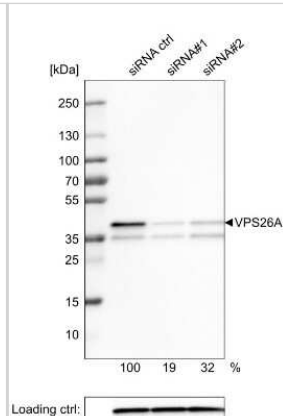
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

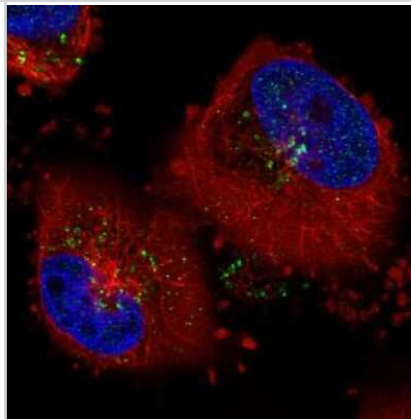
Immunohistochemistry-Paraffin: VPS26A Antibody (CL2287) [NBP2-36754] - Staining in human testis and skeletal muscle tissues. Corresponding VPS26A RNA-seq data are presented for the same tissues.



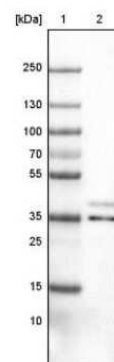
Western Blot: VPS26A Antibody (CL2287) [NBP2-36754] - Analysis of extracts from U-251 cells, transfected with: control siRNA, target specific siRNA probe #1, target specific siRNA probe #2, using Anti-VPS26A monoclonal antibody. Downregulation of antibody signal confirms target specificity. Remaining % inten



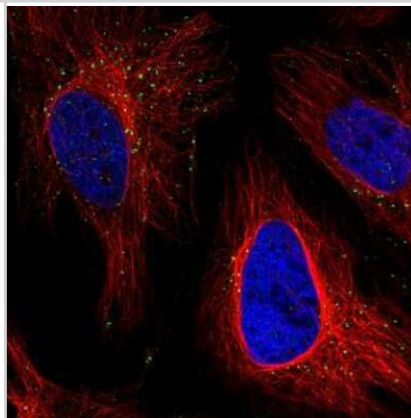
Immunocytochemistry/Immunofluorescence: VPS26A Antibody (CL2287) [NBP2-36754] - Staining in U251 cell line showing distinct staining of endosomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



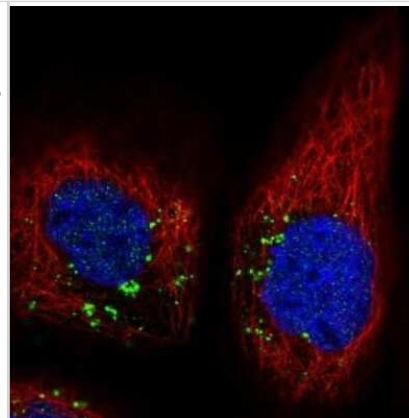
Western Blot: VPS26A Antibody (CL2287) [NBP2-36754] - Lane 1: Marker [kDa]. Lane 2: Human cell line U-251 MG



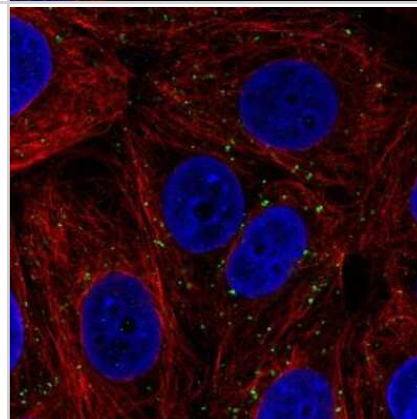
Immunocytochemistry/Immunofluorescence: VPS26A Antibody (CL2287) [NBP2-36754] - Staining in HeLa cell line showing distinct staining of endosomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



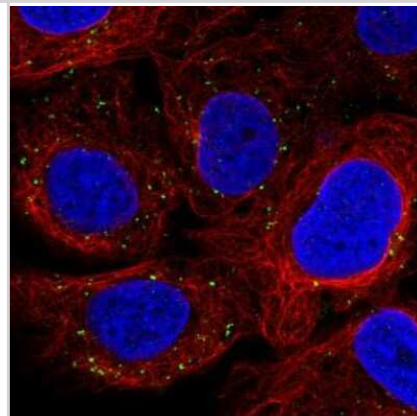
Immunocytochemistry/Immunofluorescence: VPS26A Antibody (CL2287) [NBP2-36754] - Staining of human cell line A431 showing distinct staining of endosomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



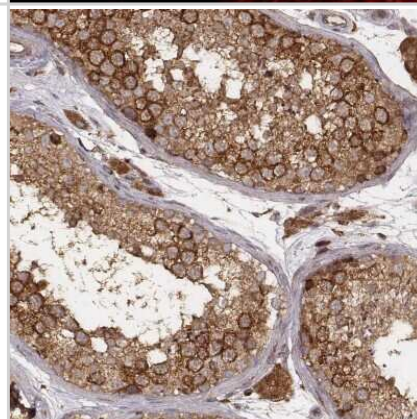
Immunocytochemistry/Immunofluorescence: VPS26A Antibody (CL2287) [NBP2-36754] - Staining in MCF7 cell line showing distinct staining of endosomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



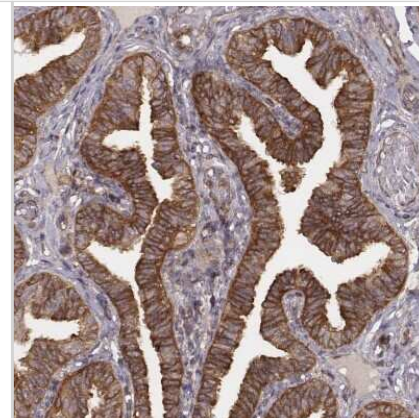
Immunocytochemistry/Immunofluorescence: VPS26A Antibody (CL2287) [NBP2-36754] - Staining in U2OS cell line with Anti-VSP26A monoclonal antibody, showing distinct staining of endosomes in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



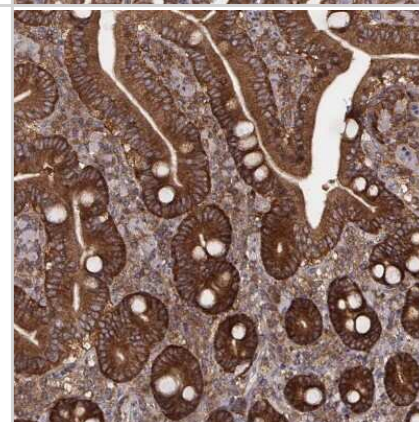
Immunohistochemistry-Paraffin: VPS26A Antibody (CL2287) [NBP2-36754] - Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts.



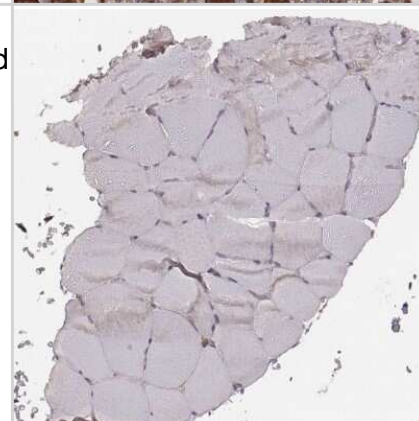
Immunohistochemistry-Paraffin: VPS26A Antibody (CL2287) [NBP2-36754] - Staining of human fallopian tube shows moderate to strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: VPS26A Antibody (CL2287) [NBP2-36754] - Staining of human duodenum shows moderate to strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: VPS26A Antibody (CL2287) [NBP2-36754] - Staining of human skeletal muscle shows no positivity in striated muscle fibers as expected.



## Publications

Simoes S, Guo J, Buitrago L et al. Alzheimer's vulnerable brain region relies on a distinct retromer core dedicated to endosomal recycling Cell reports 2021-12-28 [PMID: 34965419]

Aranda JF, Rathjen S, Johannes L, Fernandez-Hernando C. MiR-199a-5p attenuates retrograde transport and protects against toxin-induced inhibition of protein biosynthesis Mol. Cell. Biol. 2018-03-19 [PMID: 29555727] (WB, Human)





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### **Products Related to NBP2-36754**

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NBP2-36754PEP	VPS26A Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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